

CA20N  
DT 706  
- 1992  
T02

**THE  
TRANSPORTATION  
TOMORROW SURVEY  
1991**

**VERSION 2.1  
DATA GUIDE**

**SECOND REPORT OF 1991 SERIES**



A survey conducted by:  
The Data Management Group, University of Toronto for:  
the Regions of Durham, Halton, Hamilton-Wentworth,  
Peel and York; Metropolitan Toronto, Ministry of Transportation,  
GO Transit and the Toronto Transit Commission.



TRANSPORTATION TOMORROW SURVEY  
1991

VERSION 2.1  
DATA GUIDE

Prepared for the  
Toronto Area Transportation Planning  
Data Collection Steering Committee

by the

Data Management Group  
University of Toronto  
Joint Program in Transportation  
June 1992

Participating Agencies:

GO Transit  
Ministry of Transportation, Ontario  
Regional Municipalities of Durham, Halton, Hamilton-Wentworth,  
Metropolitan Toronto, Peel and York  
Toronto Transit Commission





## List of Transportation Tomorrow Survey Reports

### 1986 Survey Series

1. Design and Conduct of the Survey (December, 1987)
2. Data Validation (August, 1988)
3. Version 2.2 Data Guide (August, 1988)
4. An Overview of Travel Characteristics in the Greater Toronto Area (December, 1988)
5. Travel Survey Summary for the Greater Toronto Area (June, 1989)
6. Trip Diary Survey Analysis (January, 1990)
7. Trip Diary Survey Data Guide Version 1.1 (January, 1990)

### 1991 Survey Series

1. Design and Conduct of the Survey (Draft)
2. Version 2.1 Data Guide (June, 1992)

### Other Associated (1986 Survey) Reports by the Data Management Group

TTS Version 3 Data Guide - Empress format (March, 1990)

TTS Version 3 Data Guide - Supplement: Text format (March, 1990)

Updating TTS Data to Version 3 - Technical Report #1 (April, 1990)

TTS Data Retrieval System User's Manual (May, 1991 Revised: November, 1991)

Analysis of TTS Data Bias: Bias Due to Use of Informants (April, 1991)

Mode Choice Behaviour in the GTA: Analysis of 1986 TTS Data (June, 1992)



## FOREWORD

This manual is designed to give potential users of the 1991 Transportation Tomorrow Survey (TTS) data an understanding of the contents of the database (Version 2.1) maintained at the Data Management Group. Users wishing to obtain information from the database should contact the Data Management Group or one of the following supporting agencies:

Ontario Ministry of Transportation  
GO Transit  
Regional Municipality of Metropolitan Toronto  
Toronto Transit Commission  
Regional Municipality of Durham  
Regional Municipality of York  
Regional Municipality of Peel  
Regional Municipality of Halton  
Regional Municipality of Hamilton-Wentworth

Users should be aware that the 1991 TTS is an update of the 1986 TTS and is based on a stratified sample by low and high growth areas. The areas identified as high growth have been sampled at an average rate of 4.5% and other areas at approximately 0.5%. The sample has been expanded at differential rates to represent the total population, but contains insufficient data for detailed analysis, particularly origin to destination specifics, except within the high growth areas. Use of data from the 1991 TTS database is appropriate for global trend comparisons with the 1986 data and for cross-sectional analysis at an aggregate geographic (regional municipality) level. For detailed geographic analysis of origin to destination movements, the Data Management Group has created a separate database that contains the 1991 data in high growth areas and combines both the 1986 and 1991 data in other areas. A companion data guide for this latter database will be released in August, 1992.

Version 2.1 of the 1991 TTS database contains the following number of survey records:

24,507	Households
72,538	Persons
142,434	Non Transit Trips
14,915	Transit Trips
24,891	Transit Trip Route Segments

June, 1992





Digitized by the Internet Archive  
in 2024 with funding from  
University of Toronto

<https://archive.org/details/31761119711489>



## TABLE OF CONTENTS

Differences Between the 1986 and the 1991 TTS Data	4
High Growth Areas	5
Fringe Areas	5
Sample Expansion Procedures	
Zone Systems	15
Dwelling Unit Adjustment Factors	16
The Fringe Area	16
TTS Database	
Household Attributes	36
Person Attributes	39
Trip Attributes	42
Transit Attributes	44
Transit Route Attributes	48
Operator Codes	49
1991 List Route Codes	
Toronto Transit Commission - Bus	50
Toronto Transit Commission - Streetcar	54
Toronto Transit Commission - Subway - RT	54
GO Train and GO Bus	55
Peel Region	56
Halton Region	58
Hamilton	59
York Region	60
Durham Region	61
Other Transit Operators	63
Control Totals For TTS Version 2.1	
Household Tabulations	64
Person Tabulations	73
Trip Tabulations	83
Transit Tabulations	104
Transit Route Usage	130

## LIST OF TABLES

1.0	Zone Systems	
1.1	Metropolitan Toronto	17
1.2	Durham	19
1.3	York	20
1.4	Peel	21
1.5	Halton	23
1.6	Hamilton-Wentworth	24
2.0	Expansion Factors	
2.1	Metropolitan Toronto	25
2.2	Durham	28
2.3	York	29
2.4	Peel	31
2.5	Halton	33
2.6	Hamilton-Wentworth	34
3.0	Dwelling Unit Factors and Expanded Population vs. Census Population	35

## LIST OF FIGURES

Figure 1 - Regional Municipality of Metropolitan Toronto High Growth Areas	7
Figure 2 - Regional Municipality of Durham High Growth Areas	8
Figure 3 - Regional Municipality of York High Growth Areas	9
Figure 4 - Regional Municipality of Peel High Growth Areas	10
Figure 5 - Regional Municipality of Halton High Growth Areas	11
Figure 6 - Regional Municipality of Hamilton-Wentworth High Growth Areas	12
Figure 7 - GTA Zones of Fringe Areas	13
Figure 8 - Municipalities Within the GTA	14

## Differences Between the 1991 and 1986 Data

Users of the 1991 data should be aware of the following differences when making comparisons with the 1986 TTS:

1. Survey Area

The 1991 survey covers a slightly larger geographic area than the 1986 survey. Data for households in the "fringe area" should be excluded from the 1991 survey before making comparisons with 1986.

2. Minimum Age

In 1986, the minimum age of persons for which trip data were collected was 6. In 1991, the minimum age was 11. Trip data for persons aged 6 through 10 should be excluded from the 1986 survey before making comparisons with 1991.

3. Bicycle Trips

In 1986, information on bicycle trips was only collected for trips to or from school or work. In 1991, information was collected for all bicycle trips. The bicycle mode accounted for 0.4% of the trips surveyed in 1986 and 0.7% in 1991.

4. Trip Start Times

In 1986, trip start times were not recorded for many persons under the age of 14. In 1991, trip start time was recorded for all trips. This difference must be allowed for in making comparisons of trip start time distributions, particularly for walk, cycle, school bus and, to a lesser extent, transit trips.

5. Trip Purpose

In 1986, shopping, entertainment (including social and recreation) and personal business trips were recorded as three separate trip purposes. In 1991, these trip purposes are included in the "Other" category and not distinguished. Day care was recorded as a separate trip purpose in 1991. In 1986, trips to a daycare centre would most likely be included in the serve passenger category.

6. Usual Place of Work, Availability of Free Parking, School Location

These three items of information were collected in 1991, but not in 1986.



## 7. Student Status

In 1991, employment and student status information was not collected for persons under the age of 11. Persons 6 to 10 years are assumed to be full time students. In 1986, student and employment status information was collected regardless of age.

### **High Growth Areas**

High and low growth areas were defined in terms of estimated change in population between 1986 and 1991 at the traffic zone level. The following procedure was used:

1. Percentage growth was calculated for each zone using census data for 1986 and the Ministry of Transportation's most recent population forecasts for 1991.
2. Zones were sorted in descending order of percentage growth.
3. The cut-off point (17% growth) was identified where approximately 20,000 interviews would need to be completed to yield a 4.5% sample in areas with higher growth and 0.5% in the remaining areas.
4. In the sample selection process, households were assigned to coordinates and then to traffic zones by means of postal codes. In areas with rural postal delivery service (all addresses with a "0" as the second character of the postal code), households in the sample selection process were allocated to the zone containing the post office which served that address. Aggregate boundaries of the high and low growth areas were reviewed and modified, such that the entire area served by one post office was designated as entirely high growth or entirely low growth.
5. The selection of high growth zones was further reviewed by each of the regional municipalities and modified where appropriate. High growth zones remote from any urban centre were eliminated. In areas where there were concentrations of high growth zones, other zones were added to make the areas more contiguous.

### **Fringe Areas**

In 1986, the boundary of the survey area was chosen to coincide with the outer boundaries of the regional municipalities participating in the survey. Trip data were collected for external trips made by households within the survey area but no information was obtained on trips coming into the area from households outside the survey area. In 1986, a significant under-reporting of travel movements adjacent to the boundary was noted since the Greater Toronto Area (GTA) is a substantial net attractor of trips from surrounding areas. In order to meet the planning needs of communities adjacent to the 1986 survey area boundary, the 1991 survey area was expanded to include a "fringe".



The fringe consists of a band approximately one municipality deep and comprised of the following postal areas:

#### Hamilton Fringe

Grimsby	All of forward sortation area L3M		
Caistor Centre	L0R 1E0	Grassie	L0R 1M0
Smithville	L0R 2A0	Caledonia	N0A 1A0
York	N0A 1R0	Branchton	N0B 1L0
Glen Morris	N0B 1W0	St. George Brant	N0E 1N0

#### Halton Fringe

Arkell	N0B 1C0	Edenmills	N0B 1P0
Morrison	N0B 2C0	Puslinch	N0B 2J0
Rockwood	N0B 2K0		

#### Peel Fringe

Orangeville	All of forward sortation areas L9V and L9W		
Laurel	L0N 1L0	Ballinafad	N0B 1H0
Erin	N0B 1T0	Hillsburgh	N0B 1Z0

#### York Fringe

Bradford	All of forward sortation area L3Z		
Beeton	L0G 1A0	Bond Head	L0G 1B0
Bradford	L0G 1C0	Bradford	L0G 1G0
Loretto	L0G 1L0	Tottenham	L0G 1W0
Churchill	L0L 1K0	Cookstown	L0G 1L0
Gilford	L0G 1R0		

#### Durham Fringe

Port Hope	All of forward sortation area L1A		
Bethany	L0A 1A0	Campbellcroft	L0A 1B0
Millbrook	L0A 1G0	Pontypool	L0A 1K0
Janetville	L0B 1K0	Little Britain	K0M 2C0
Manilla	K0M 2J0	Oakwood	K0M 2M0
Woodville	K0M 2T0		

**Figure 1**  
**Regional Municipality of Metropolitan Toronto**  
**High Growth Areas**



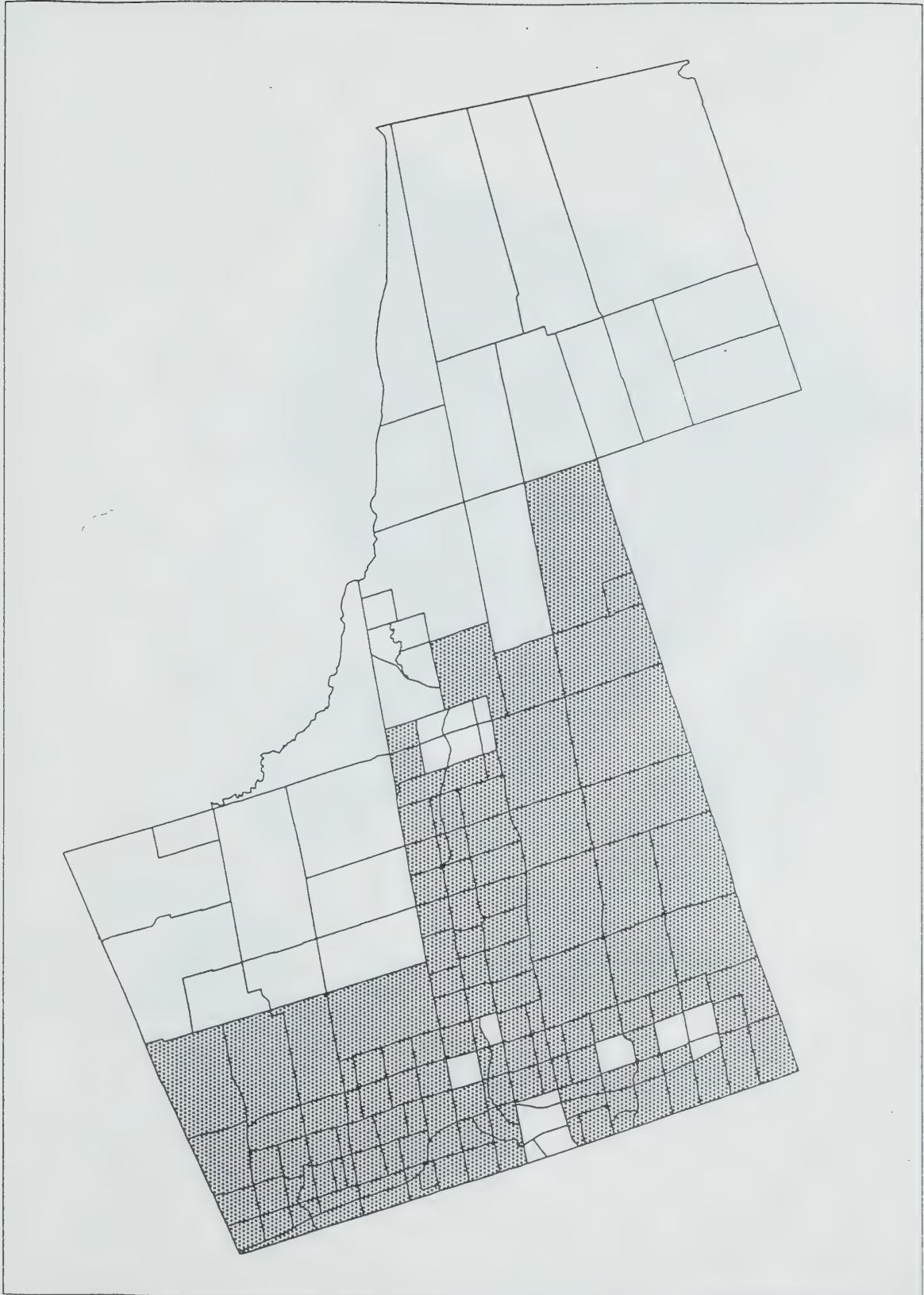
**Figure 2**  
**Regional Municipality of Durham**  
**High Growth Areas**



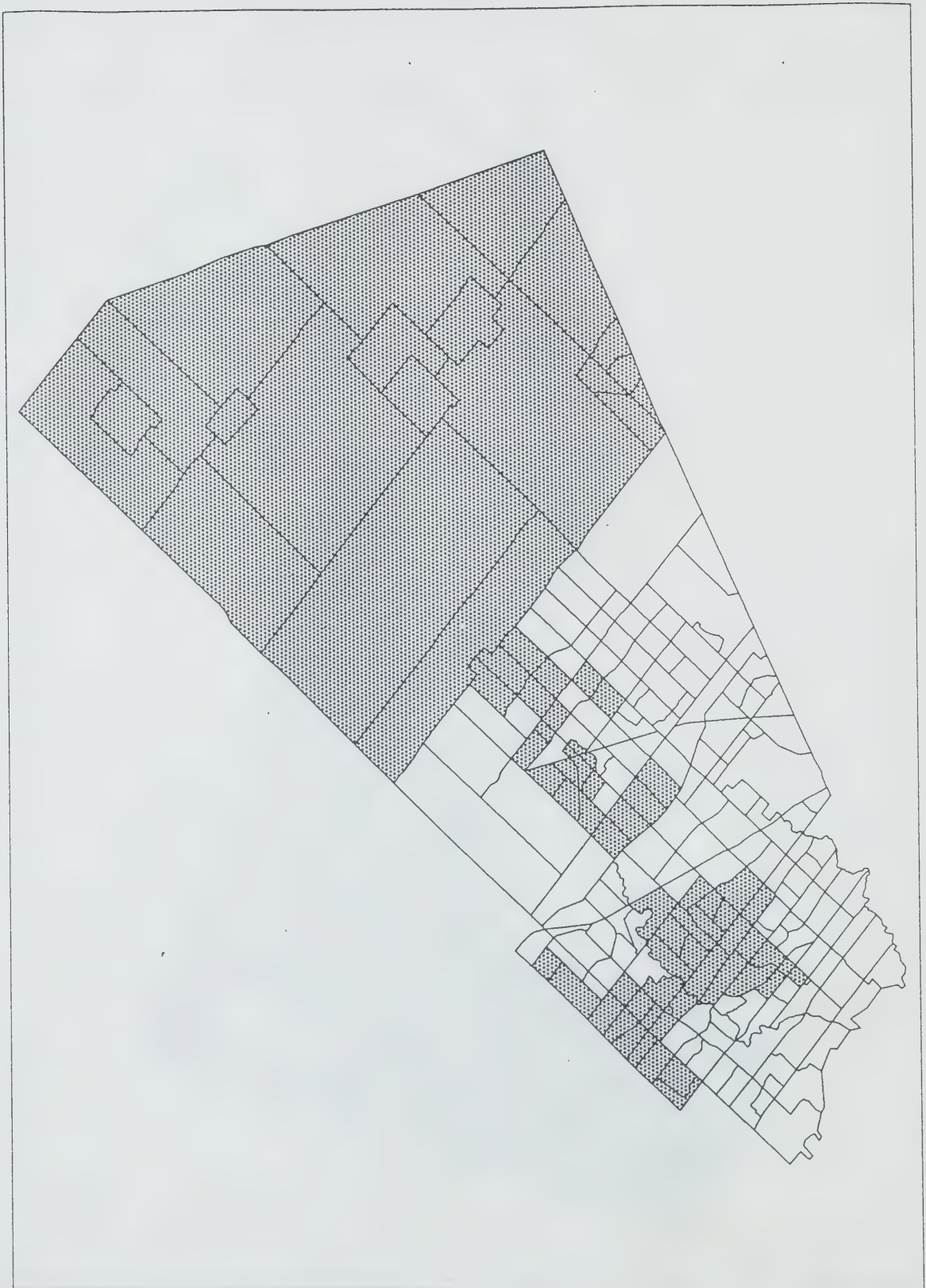




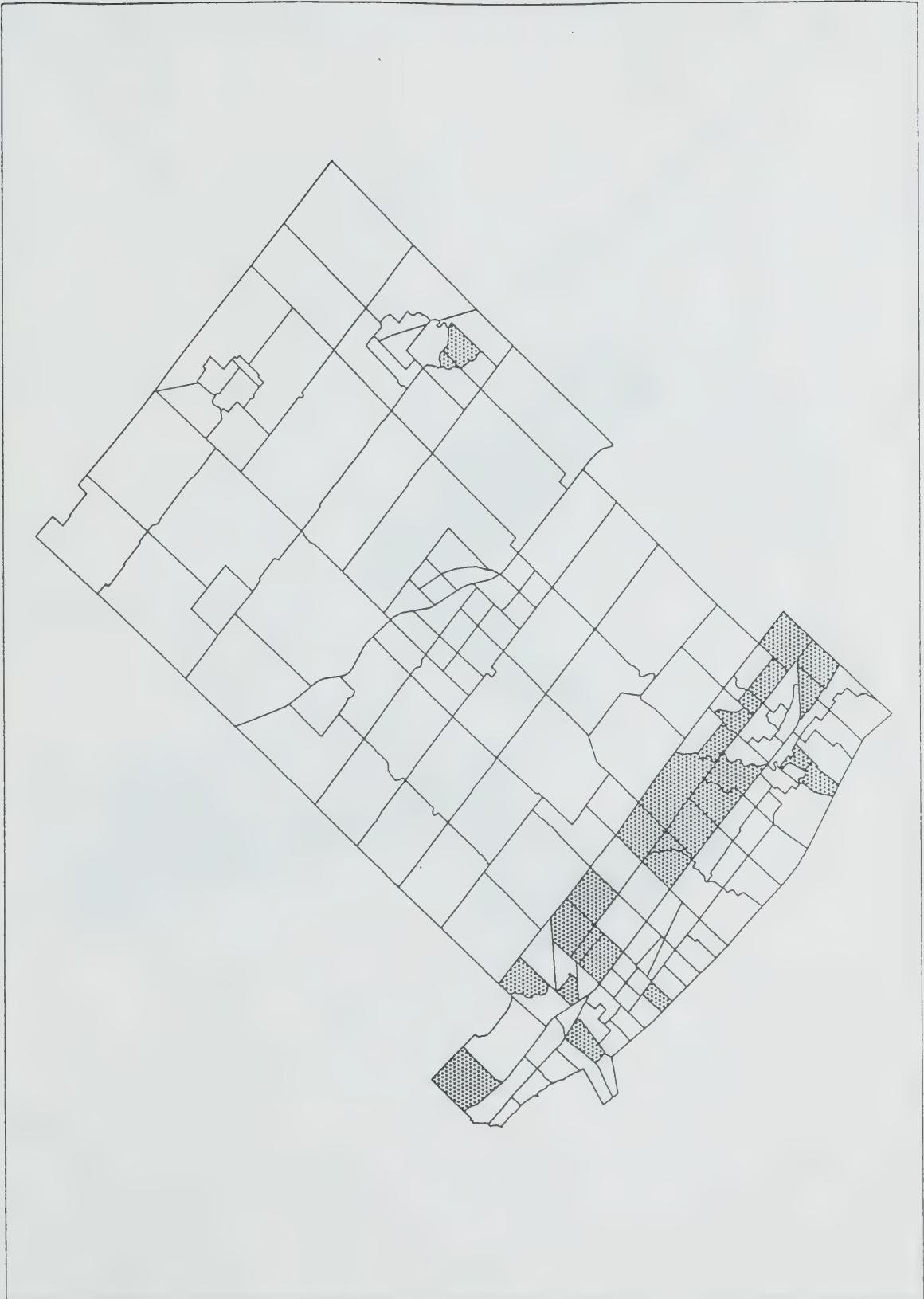
**Figure 3**  
**Regional Municipality of York**  
**High Growth Areas**



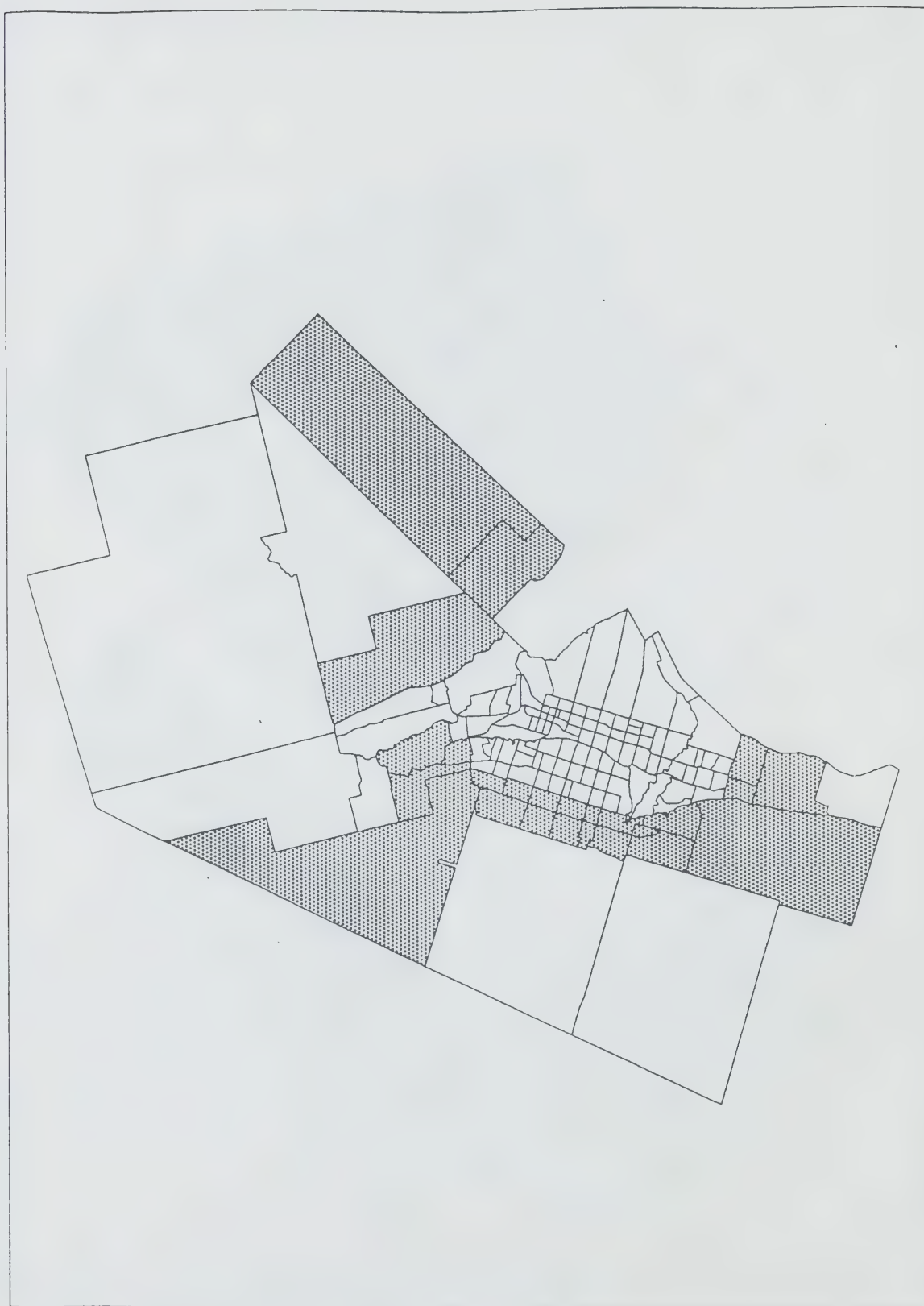
**Figure 4**  
**Regional Municipality of Peel**  
**High Growth Areas**



**Figure 5**  
**Regional Municipality of Halton**  
**High Growth Areas**



**Figure 6**  
**Regional Municipality of Hamilton-Wentworth**  
**High Growth Areas**





**Figure 7**  
**GTA Zone Numbers for Fringe and**  
**External Areas**

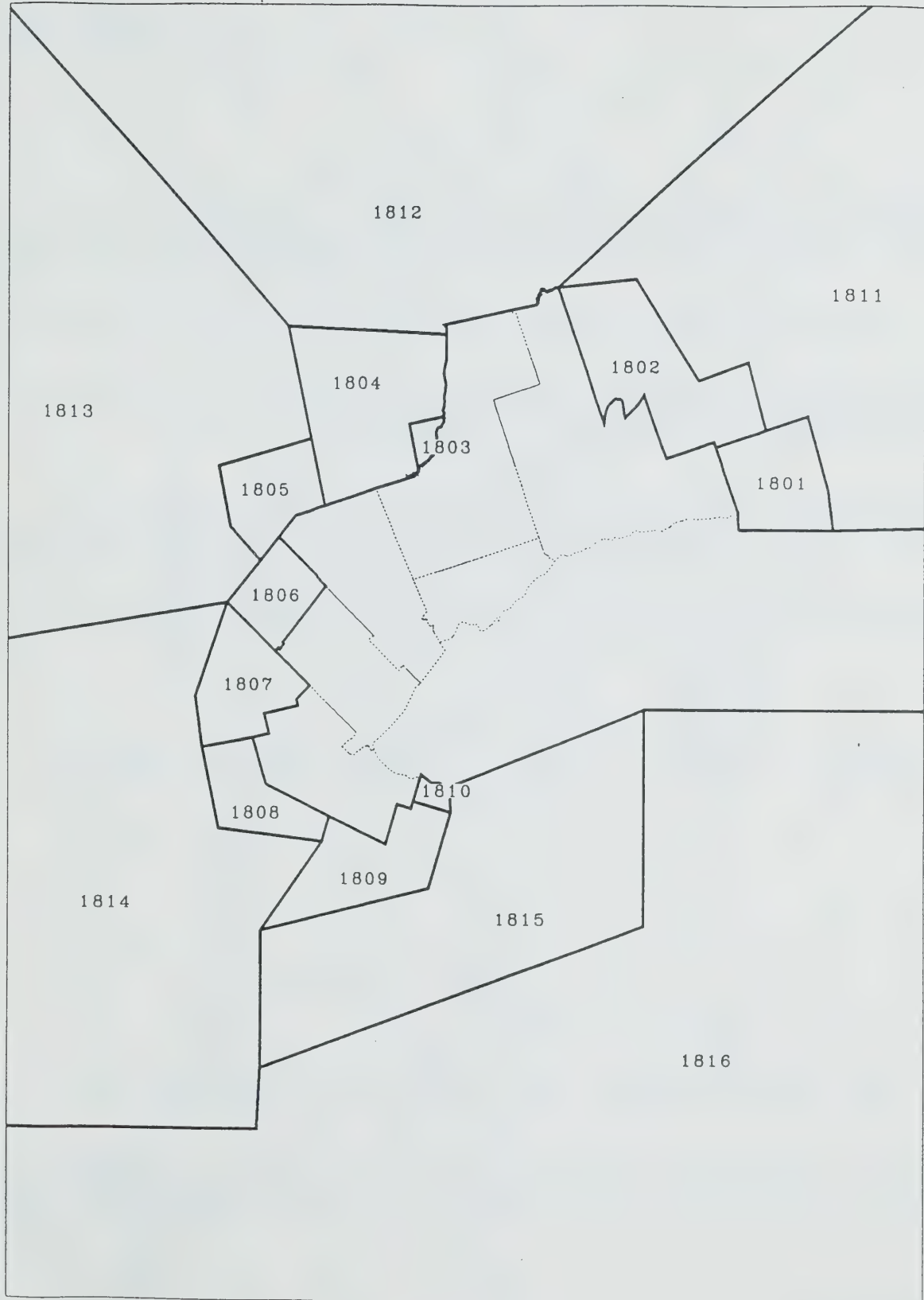


Figure 8  
Municipalities Within the GTA



## Expansion Factors

### Sample Expansion Procedure

#### 1. Zone System

The survey data was grouped into 1366 GTA zones and 10 fringe area zones depending on the household addresses. For the purpose of expansion, the GTA zones were further grouped into 247 expansion zones. These areas correspond to the 191 expansion zones that were used in the 1986 survey with the high and low growth areas separated in each.

Expansion factors for these expansion zones were obtained by the following formula:

$$\text{Expansion Factors} = \frac{\text{Estimated population of the grouped zones within an expansion zone}^1}{\text{Sample population of the grouped zones within an expansion zone}}$$

Of the 247 expansions zones, 107 had been grouped to a total sample of less than 300 persons and the resulting expansion factors differed from the average for the region by more than 20%. For statistical reliability, these 107 expansion zones were further grouped into 38 combined groups.

A summary of the grouping of GTA zones into expansion zones by regional municipalities is listed below:

<u>Housing Municipality</u>	<u>Number of GTA zones</u>	<u>Number of Expansion Zones</u>	<u>Number of Zones Which Used Own Factors</u>	<u>Number of Zones that Required Further Grouping</u>	<u>Additional Groupings</u>
Metro	460	87	64	23	9
Durham	210	34	14	20	6
York	178	25	19	6	2
Peel	224	56	22	34	12
Halton	163	24	13	11	4
Ham-Went	131	21	8	13	5
<b>Total</b>	<b>1366</b>	<b>247</b>	<b>140</b>	<b>107</b>	<b>38</b>

Thus, the 1366 GTA zones were finally grouped to 178 expansion zones (140 + 38).

---

1. 1991 estimated population figures from the Metropolitan Toronto Planning Department and the Ministry of Transportation.

## 2. Dwelling Unit Adjustment Factors

The 1991 Census dwelling units at the municipal level were used to generate the dwelling unit factors.

$$\text{Dwelling Unit Factor} = \frac{\text{Census Dwelling Units}}{\text{Expanded Households in 1991 TTS}}$$

The dwelling unit factors were used to adjust the expansion factors within each municipality so that the expanded total number of households would match the 1991 Census data. The dwelling unit adjustment factors are shown in Table 3.0 on page 35. Table 3.0 also provides a comparison of population from the Census and from the survey after the dwelling unit adjustment factors were applied. In total, the survey data gives an expanded population of 2.46% less than the Census. Part of this difference can be accounted for by institutions, such as prisons, hospitals and nursing homes that were not covered by the survey. In 1986, the corresponding difference between the census and the expanded survey population was 2.2%.

## 3. The Fringe Area

The fringe area excluding Port Hope, was targeted to be sampled at the same rate as the high growth areas. The average high growth expansion factor of 22.67 has been used without any validation against population data. Port Hope was sampled at approximately half the rate and has been assigned an expansion factor of 45.0 without validation against population data.



**TABLE 1.1 - REGIONAL MUNICIPALITY OF METRO TORONTO  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
1	1-2, 44-45
2	3, 5, 9, 11, 401, 403
3	6-8, 20-24
4	12-16, 28-29, 404
5	17
6	42-43, 410
7	198-204
8	46-47, 68
9	48, 66-67
10	49-50, 64-65
11	51-53
12	54-56
13	69-70
14	62-63, 71-73, 81
15	60-61, 74-75, 80
16	57-59, 76-79
17	82-85, 90-92, 416
18	86-89
19	93-94
20	95-96, 108-112
21	97, 106
22	99-100, 102-105
23	113-114, 124
24	115, 119-123
25	101, 116-118
26	125-128, 134-135
27	129-133
28	136-137, 149-150
29	138-141, 146-148, 152
30	142-145, 178
31	151, 156-160
32	153-155
33	161, 170-172
34	162-163, 169, 173, 177
35	164-167, 175-176, 417, 419
36	179-182
37	183, 187
38	184-186
39	190-197
40	188-189
41	205-210
42	211, 213-214
43	212
44	215-216

**TABLE 1.1 - REGIONAL MUNICIPALITY OF METRO TORONTO  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
45	217-218
46	221-226
47	227-228, 238-239, 420
48	229-235, 242-244
49	236-237, 240-241, 249-252
50	245-248, 253-256
51	257-258, 260-261, 421
52	263-275, 422
53	276-278, 289-292, 423
54	279-280, 282-288, 293-300, 424-425
55	310-313
56	301-302, 308-309, 314, 426-428, 438
57	303-307, 315-316, 429, 431-434
58	317-325, 439-440
59	326-329, 342, 345-346, 441
60	330-333, 339, 341, 444
61	334-338, 442-443
62	343-344, 348-351
63	347, 352-353
64	354, 356
65	357-360
66	361-363, 445
67	371-374
68	364, 366, 370, 446-447
69	375-378, 398-400, 448-449, 459-460
70	380-384, 395-397, 451, 457-458
71	385-386, 389, 391-394, 452-455
192	4, 10, 402
193	220
194	98, 107
195	168, 174, 418
196	219
197	259, 262
198	281
199	365, 367-369
200	379, 450
201	387-388, 390, 456
202	430, 435
203	436-437
205	355
207	18-19, 25-27, 33-35, 407-409
244	30-32, 36-41, 405-406, 411-415
246	340

**TABLE 1.2 - REGIONAL MUNICIPALITY OF DURHAM  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
72	501, 506-507, 511-516
73	508, 510, 518, 520, 522
74	548-551
75	554
76	534-546
77	555, 557-559, 561-562, 576
78	567, 569-570
79	564-566, 574
80	571-572
81	632-637
82	616-617, 629-631, 638-639
83	622-626
84	595-596, 608-609, 611
85	618-621, 627-628
86	604-607, 612-615
87	597-599
88	587-592, 594
89	672-684
90	653, 660, 667, 669-670
91	640-652, 655-656, 658-659, 665, 671
92	685-695
93	704-710
94	703
204	502-505, 509, 517, 519, 521, 523-533
206	547, 552-553
208	568, 573
209	610
210	578
211	600
212	654, 657, 661-664, 666, 668
213	593, 601-603
215	556, 560, 563, 575
245	696-702
250	577, 579-586

**TABLE 1.3 - REGIONAL MUNICIPALITY OF YORK  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
95	908, 916-918
96	909-915
97	900-906
98	889-895
99	802-807
100	812-815
101	816-822
102	823-834, 838-841, 848-849
103	837, 844
104	919-928
105	976-978
106	973-975
107	929-934, 945, 953-972
108	935-944, 946-952
109	865
110	869
111	872-873
112	852-854
113	850-851, 855-856
114	857-862, 864, 877-885
214	801, 808-811
216	835-836, 842-843, 845-847
217	863, 866-868, 870-871, 875-876, 886-888
218	874
235	896-899, 907



**TABLE 1.4 - REGIONAL MUNICIPALITY OF PEEL  
ZONE SYSTEMS**

**247 Zones System**

**GTA Zones System**

115	1139-1141
116	1142-1143
117	1114, 1144
118	1123, 1145-1146
119	1147-1149
120	1133, 1150-1151
121	1132, 1152, 1155-1156
122	1153, 1159
123	1154, 1160, 1169
124	1161, 1170
125	1131, 1162-1163, 1313
126	1164, 1314
127	1165-1166, 1171-1172, 1178-1179
128	1167-1168
129	1176-1177
130	1158, 1173
131	1174-1175
132	1110, 1180-1181, 1315
133	1122, 1182
134	1117, 1137-1138
135	1215
136	1111-1112, 1118, 1216-1218, 1221, 1222
137	1219-1220
138	1128-1130, 1212
139	1105, 1109, 1119-1121, 1124-1127, 1193, 1195-1211, 1213
140	1259
141	1267
142	1245, 1252, 1268
143	1277-1278, 1281-1282
144	1260
145	1261, 1271
146	1273
147	1255, 1257
148	1263
149	1254, 1274
150	1238, 1256
151	1239, 1258
152	1228-1237, 1240-1243, 1279-1280, 1285-1287, 1317-1324
153	1223, 1253-1254, 1275-1276, 1283
154	1289, 1295, 1297-1301
155	1290-1294
156	1288, 1296, 1302-1308
219	1157
220	1135-1136

**TABLE 1.4 - REGIONAL MUNICIPALITY OF PEEL  
ZONE SYSTEMS**

**247 Zones System**

**GTA Zones System**

221	1115-1116, 1309-1311
222	1101-1103, 1113, 1183-1184, 1214
223	1244, 1265-1266
224	1250, 1270
225	1272
226	1262
227	1226-1227
236	1134, 1312
237	1224-1225, 1284
238	1246-1249, 1269, 1325
242	1104, 1106-1108, 1185-1192, 1194
243	1251

**TABLE 1.5 - REGIONAL MUNICIPALITY OF HALTON  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
157	1414, 1417-1421
158	1426-1430
159	1431, 1433-1435, 1437, 1446-1449
160	1409-1413
161	1401-1408
162	1561-1562
163	1546-1548
164	1538-1542, 1544, 1549-1560, 1563
165	1500-1511, 1517-1537
166	1512-1516
167	1456, 1458-1462
168	1463-1465, 1467-1468
169	1469-1473
170	1474-1477
171	1450-1455
172	1485-1486, 1488-1489, 1491
173	1478-1479, 1481, 1493-1499
228	1415-1416, 1422-1423
229	1424-1425, 1432, 1436, 1438-1445
230	1543, 1545
231	1457
232	1487, 1490, 1492
233	1480, 1482-1484
239	1466

**TABLE 1.6 - REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH  
ZONE SYSTEMS**

<b>247 Zones System</b>	<b>GTA Zones System</b>
174	1708-1709, 1713-1714
175	1704-1707
176	1653-1663
177	1624-1625, 1632, 1639, 1652
178	1601-1605
179	1606-1611
180	1612-1623
181	1626-1631, 1633-1638, 1640-1643
182	1644-1651
183	1696-1701
184	1680-1691
185	1664-1667, 1669-1675
186	1668, 1676-1679, 1692-1695, 1702-1703
187	1715-1716
188	1721, 1723
189	1717-1720
190	1730-1731
191	1727-1728
234	1710-1712
240	1722, 1724-1726
241	1729



**TABLE 2.1 - REGIONAL MUNICIPALITY OF METRO TORONTO**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	247 Zones	91 Pop Metro &MTO	1991 sample	Ratio Pop vs sample	1991 expansion factor (i)
City of Toronto	1, 2, 6	36781	229	160.62	155.81
	3, 4, 5	69736	412	169.26	164.20
	7	34587	183	189.00	183.35
	9	16362	117	139.85	135.66
	10	17338	157	110.43	107.13
	11	20399	129	158.13	153.40
	12	15695	96	163.49	158.60
	13	9949	63	157.92	153.20
	14	45228	239	189.24	183.58
	15	25926	137	189.24	183.58
	16	35520	159	223.40	216.72
	23-24	46902	260	180.39	175.00
	27	27370	169	161.95	157.11
	28	19526	98	199.24	193.29
	29	44623	258	172.96	167.79
	31	23044	105	219.47	212.90
	32	11277	87	129.62	125.75
	39	40222	207	194.31	188.50
	40	14533	81	179.42	174.06
	41	38275	258	148.35	143.92
	192	9529	369	25.82	25.05
	207	12575	400	31.44	30.50
	244	25939	853	30.41	29.50
	<i>sub-total</i>	<i>641336</i>	<i>5066</i>	<i>126.60</i>	<i>122.81</i>
East York	30	26641	127	209.77	220.18
	36	30274	170	178.08	186.92
	37	21089	101	208.80	219.16
	38	23640	120	197.00	206.77
	<i>sub-total</i>	<i>101644</i>	<i>518</i>	<i>196.22</i>	<i>205.96</i>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)

TABLE 2.1 - REGIONAL MUNICIPALITY OF METRO TORONTO

## EXPANSION FACTORS

## MUNICIPALITY DESCRIPTION

	247 Zones	91 Pop Metro &MTO	1991 sample	Ratio Pop vs sample	1991 expansion factor (i)
North York	17	39147	235	166.58	158.49
	18	15564	75	207.52	197.43
	26	35419	181	195.69	186.17
	33	11853	70	169.33	161.10
	34	37107	166	223.54	212.67
	35	48040	266	180.60	171.82
	53-54	137199	661	207.56	197.48
	55	28209	157	179.68	170.94
	56	51475	253	203.46	193.57
	57	41685	218	191.22	181.92
	58	76442	408	187.36	178.25
	195	13311	572	23.27	22.14
	198	9454	313	30.20	28.74
	202	8921	329	27.12	25.80
	203	8809	342	25.76	24.51
	<i>sub-total</i>	<i>562635</i>	<i>4246</i>	<i>132.51</i>	<i>126.07</i>
York	8	11985	80	149.81	148.90
	19-22	92348	442	208.93	207.66
	25	28341	148	191.49	190.33
	194	7016	214	32.79	32.59
	<i>sub-total</i>	<i>139690</i>	<i>884</i>	<i>158.02</i>	<i>157.06</i>
Etobicoke	42	13179	63	209.19	204.30
	43	9709	57	170.33	166.35
	44	9907	61	162.41	158.61
	45	11698	62	188.68	184.26
	46	48564	229	212.07	207.11
	47	34977	172	203.35	198.60
	48	37126	205	181.10	176.86
	49	25110	133	188.80	184.38
	50	26609	159	167.35	163.44
	51-52	67958	334	203.47	198.71
	193, 196	9483	318	29.82	29.12
	197	15486	471	32.88	32.11
	<i>sub-total</i>	<i>309806</i>	<i>2264</i>	<i>136.84</i>	<i>133.64</i>

**TABLE 2.1 - REGIONAL MUNICIPALITY OF METRO TORONTO**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Scarborough	59	38616	202	191.17	198.11
	60	41884	210	199.45	206.69
	61	46652	298	156.55	162.23
	62	29254	167	175.17	181.53
	63	21394	99	216.10	223.95
	64-65	32975	177	186.30	193.06
	66-68	79006	495	159.61	165.40
	69	82818	457	181.22	187.80
	70	33725	216	156.13	161.80
	71	18371	212	86.66	89.80
	199	15794	704	22.43	23.25
	200	18759	1014	18.50	19.17
	201	27299	889	30.71	31.82
	205	3304	108	30.59	31.70
	246	8238	342	24.09	24.96
	<i>sub-total</i>	<i>498089</i>	<i>5590</i>	<i>89.10</i>	<i>92.34</i>
<b>REGIONAL MUNICIPALITY OF METROPOLITAN TORONTO</b>		<b>2253200</b>	<b>18568</b>	<b>121.35</b>	<b>119.65</b>

**TABLE 2.2 - REGIONAL MUNICIPALITY OF DURHAM**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Pickering & Ajax	72-75	48071	317	151.64	158.29
	76	28630	1188	24.10	25.15
	204	31330	1424	22.00	22.97
	206	11500	485	23.71	24.75
	<i>sub-total</i>	<i>119531</i>	<i>3414</i>	<i>35.01</i>	<i>36.55</i>
Whitby	77-79	19250	129	149.22	157.06
	80	11000	64	171.88	180.90
	208	6000	318	18.87	19.86
	210, 250	16000	828	19.32	20.34
	215	6620	271	24.43	25.71
	<i>sub-total</i>	<i>58870</i>	<i>1610</i>	<i>36.57</i>	<i>38.48</i>
Oshawa	81	13400	101	132.67	131.48
	82	16000	108	148.15	146.81
	83-87	76800	424	181.13	179.50
	88	6300	49	128.57	127.41
	209, 211, 213	11200	406	27.59	27.34
	<i>sub-total</i>	<i>123700</i>	<i>1088</i>	<i>113.69</i>	<i>112.67</i>
Newcastle	89	11500	535	21.50	22.47
	90	5000	30	166.67	174.20
	91	20470	797	25.68	26.84
	212	10000	575	17.39	18.18
	<i>sub-total</i>	<i>46970</i>	<i>1937</i>	<i>24.25</i>	<i>25.34</i>
Brock ,Uxbridge,Scugog	92-94	28750	261	110.15	117.95
	245	12050	690	17.46	18.70
	<i>sub-total</i>	<i>40800</i>	<i>951</i>	<i>42.90</i>	<i>45.94</i>
<b>REGIONAL MUNICIPALITY OF DURHAM</b>		<b>389871</b>	<b>9000</b>	<b>43.32</b>	<b>44.68</b>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)



**TABLE 2.3 - REGIONAL MUNICIPALITY OF YORK**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Georgina, East-Gwillimbury	95-97	34870	272	128.20	151.01
	235	6448	287	22.47	26.46
	<i>sub-total</i>	<i>41318</i>	<i>559</i>	<i>73.91</i>	<i>87.06</i>
Whitchurch-Stouffville	98	17404	727	23.94	24.74
	<i>sub-total</i>	<i>17404</i>	<i>727</i>	<i>23.94</i>	<i>24.74</i>
Newmarket	99	35347	210	168.32	176.15
	214	7582	297	25.53	26.72
	<i>sub-total</i>	<i>42929</i>	<i>507</i>	<i>84.67</i>	<i>88.61</i>
Aurora	100	12195	668	18.26	18.51
	101	15644	684	22.87	23.19
	<i>sub-total</i>	<i>27839</i>	<i>1352</i>	<i>20.59</i>	<i>20.88</i>
Richmond Hill	102	25099	1014	24.75	26.17
	103	18814	161	116.86	123.56
	216	30092	1219	24.69	26.10
	<i>sub-total</i>	<i>74005</i>	<i>2394</i>	<i>30.91</i>	<i>32.69</i>
King	104	17447	128	136.30	160.47
	<i>sub-total</i>	<i>17447</i>	<i>128</i>	<i>136.30</i>	<i>160.47</i>
Vaughan	105	17575	966	18.19	18.86
	106	30026	1219	24.63	25.54
	107	18537	806	23.00	23.84
	108	40329	2021	19.95	20.69
	<i>sub-total</i>	<i>106467</i>	<i>5012</i>	<i>21.24</i>	<i>22.02</i>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)

**TABLE 2.3 - REGIONAL MUNICIPALITY OF YORK**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Markham	109-111	42945	307	139.89	139.05
	112	19959	949	21.03	20.91
	113	25535	166	153.83	152.90
	114	41097	1950	21.08	20.95
	217	13556	551	24.60	24.45
	218	2240	82	27.32	27.15
	<i>sub-total</i>	<i>145332</i>	<i>4005</i>	<i>36.29</i>	<i>36.07</i>
<b>REGIONAL MUNICIPALITY OF YORK</b>		<b>472741</b>	<b>14684</b>	<b>32.19</b>	<b>#REF!</b>

TABLE 2.4 - REGIONAL MUNICIPALITY OF PEEL

## EXPANSION FACTORS

## MUNICIPALITY DESCRIPTION

	247 Zones	91 Pop Metro &MTO	1991 sample	Ratio Pop vs sample	1991 expansion factor (i)
Mississauga	115	15605	97	160.88	159.28
	116, 119	32350	152	212.83	210.72
	117	15025	80	187.81	185.95
	118	13350	69	193.48	191.56
	120	15755	86	183.20	181.38
	121	14626	80	182.83	181.02
	122	16755	84	199.46	197.49
	123	17605	94	187.29	185.43
	124	8785	46	190.98	189.09
	125, 129	29785	197	151.19	149.70
	126	15290	79	193.54	191.63
	127	21175	1038	20.40	20.20
	128	15025	102	147.30	145.85
	130	12900	74	174.32	172.60
	131	17900	93	192.47	190.57
	132-133, 138-139	64343	336	191.50	189.60
	134-137	49070	327	150.06	148.58
	219	6300	249	25.30	25.05
	220	4030	208	19.38	19.18
	221-222	11993	739	16.23	16.07
	236	10001	409	24.45	24.21
	242	40312	1947	20.70	20.50
	<i>sub-total</i>	<i>447980</i>	<i>6586</i>	<i>68.02</i>	<i>67.35</i>
Brampton	140, 144-145, 153	38225	247	154.76	153.69
	141-142	23875	109	219.04	217.53
	143	29570	1353	21.86	21.70
	146, 148-149	36325	222	163.63	162.50
	147, 150-152	39083	242	161.50	160.39
	223, 237	22550	819	27.53	27.34
	224	6050	218	27.75	27.56
	225	6600	317	20.82	20.68
	226	5800	292	19.86	19.73
	227	5501	275	20.00	19.87
	238, 243	19150	955	20.05	19.91
	<i>sub-total</i>	<i>232729</i>	<i>5049</i>	<i>46.09</i>	<i>45.78</i>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)

**TABLE 2.4 - REGIONAL MUNICIPALITY OF PEEL**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Caledon	154-156	37643	1231	30.58	26.83
	<i>sub-total</i>	<i>37643</i>	<i>1231</i>	<i>30.58</i>	<i>26.83</i>
<b>REGIONAL MUNICIPALITY OF PEEL</b>		<b>718352</b>	<b>12866</b>	<b>55.83</b>	<b>55.01</b>



TABLE 2.5 - REGIONAL MUNICIPALITY OF HALTON

## EXPANSION FACTORS

## MUNICIPALITY DESCRIPTION

	247 Zones	91 Pop Metro &MTO	1991 sample	Ratio Pop vs sample	1991 expansion factor (i)
Milton	165-166	32516	178	182.67	168.08
	<i>sub-total</i>	<i>32516</i>	<i>178</i>	<i>182.67</i>	<i>168.08</i>
Oakville	157-159	47593	271	175.62	170.21
	160	14566	64	227.59	220.58
	161	28476	123	231.51	224.38
	228	6525	414	15.76	15.28
	229	16742	1093	15.32	14.85
	<i>sub-total</i>	<i>113902</i>	<i>1965</i>	<i>57.97</i>	<i>56.18</i>
Halton Hills	162-164	35417	163	217.28	204.92
	230	3586	252	14.23	13.42
	<i>sub-total</i>	<i>39003</i>	<i>415</i>	<i>93.98</i>	<i>88.64</i>
Burlington	167	19025	99	192.17	186.00
	168-170	39595	243	162.94	157.71
	171	15096	72	209.67	202.94
	172-173	29218	169	172.89	167.34
	231	4235	280	15.13	14.64
	232	6786	248	27.36	26.48
	233	13694	702	19.51	18.88
	239	2751	94	29.27	28.33
	<i>sub-total</i>	<i>130400</i>	<i>1907</i>	<i>68.38</i>	<i>66.18</i>
<b>REGIONAL MUNICIPALITY OF HALTON</b>		<b>315821</b>	<b>4465</b>	<b>70.73</b>	<b>67.93</b>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)

**TABLE 2.6 - REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH**

**EXPANSION FACTORS**

**MUNICIPALITY DESCRIPTION**

	<b>247 Zones</b>	<b>91 Pop Metro &amp;MTO</b>	<b>1991 sample</b>	<b>Ratio Pop vs sample</b>	<b>1991 expansion factor (i)</b>
Stoney Creek	174	12062	63	191.46	197.01
	175	13090	544	24.06	24.76
	234	21715	923	23.53	24.21
	<i>sub-total</i>	<i>46867</i>	<i>1530</i>	<i>30.63</i>	<i>31.52</i>
Hamilton	176	33175	154	215.42	216.24
	177, 181	62459	312	200.19	200.95
	178-180	64051	281	227.94	228.81
	182	28196	150	187.97	188.69
	183-185	93562	461	202.95	203.73
	186	34191	1852	18.46	18.53
	<i>sub-total</i>	<i>315634</i>	<i>3210</i>	<i>98.33</i>	<i>98.70</i>
Glanbrook	187	9695	61	158.93	181.19
	<i>sub-total</i>	<i>9695</i>	<i>61</i>	<i>158.93</i>	<i>181.19</i>
Flamborough, Dundas , Ancaster	188-189, 191	39907	265	150.59	144.00
	190, 241	19187	743	25.82	24.69
	240	13287	502	26.47	25.31
	<i>sub-total</i>	<i>72381</i>	<i>1510</i>	<i>47.93</i>	<i>45.83</i>
<b>REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH</b>		<b>444577</b>	<b>6311</b>	<b>70.44</b>	<b>70.56</b>

(i) The expansion factors were obtained by multiplying the ratios by the corresponding dwelling unit factor (Census dwelling vs. 91 expanded dwelling)

## Dwelling Unit Factors and Expanded Population vs Census Population

Municipalities	Census dwell	91 expan dwell	Census vs expan dwellu	Census pop	91 expan pop	Diff	% Diff
City of Toronto	275064	283532	0.970	638861	622178	-16683	-2.61%
East York	44644	42532	1.050	102696	106689	3993	3.89%
North York	202639	213000	0.951	559098	535272	-23826	-4.26%
York	56335	56683	0.994	140525	138834	-1691	-1.20%
Etobicoke	115573	118343	0.977	309993	302554	-7439	-2.40%
Scarborough	175306	169168	1.036	524598	516156	-8442	-1.61%
Pickering & Ajax	38648	37025	1.044	125981	124767	-1214	-0.96%
Whitby	19626	18648	1.053	61281	61953	672	1.10%
Oshawa	47026	47454	0.991	129344	122585	-6759	-5.23%
Newcastle	16424	15714	1.045	49479	49092	-387	-0.78%
Brock, Uxbridge, Scugog	14841	13859	1.071	42985	43688	703	1.64%
Georgina, East-Gwil	16176	13733	1.178	48263	48669	406	0.84%
Whit-Stoff	6061	5865	1.033	18357	17986	-371	-2.02%
Newmarket	14196	13565	1.047	45474	44927	-547	-1.20%
Aurora	9389	9259	1.014	29454	28233	-1221	-4.15%
Richmond Hill	25631	24239	1.057	80142	78259	-1883	-2.35%
King	5777	4907	1.177	18121	20540	2419	13.35%
Vaughan	29931	28871	1.037	111359	110349	-1010	-0.91%
Markham	43772	44037	0.994	153811	144457	-9354	-6.08%
Mississauga	148718	150199	0.990	463388	443562	-19826	-4.28%
Brampton	70824	71314	0.993	234445	231130	-3315	-1.41%
Caledon	10760	12263	0.878	34965	33028	-1937	-5.54%
Milton	10085	10960	0.920	32075	29918	-2157	-6.72%
Oakville	38055	39264	0.969	114670	110396	-4274	-3.73%
Halton Hills	12206	12943	0.943	36816	36782	-34	-0.09%
Burlington	46305	47842	0.968	129575	126207	-3368	-2.60%
Stoney Creek	16247	15789	1.029	49968	48228	-1740	-3.48%
Hamilton	125526	125045	1.004	318499	316841	-1658	-0.52%
Glanbrook	3080	2702	1.140	9726	11052	1326	13.63%
Flamborough, Dundas, Ancaster	24274	25385	0.956	73472	69210	-4262	-5.80%
<b>Regional Municipalities</b>							
Metro	869561	883258	0.984	2275771	2221683	-54088	-2.38%
Durham	136565	132700	1.029	409070	402085	-6985	-1.71%
York	150933	144476	1.045	504981	493420	-11561	-2.29%
Peel	230302	233776	0.985	732798	707720	-25078	-3.42%
Halton	106651	111009	0.961	313136	303303	-9833	-3.14%
Hamilton-Wentworth	169127	168921	1.001	451665	445331	-6334	-1.40%
<b>Total</b>	<b>1663139</b>	<b>1674140</b>	<b>0.993</b>	<b>4687421</b>	<b>4573542</b>	<b>-113879</b>	<b>-2.43%</b>

**1991 TRANSPORTATION TOMORROW SURVEY**  
**DATABASE: VERSION 2.1**

**HOUSEHOLD ATTRIBUTES**

The following data was collected or calculated from the TTS for each household that was sampled.

<b><u>Attribute</u></b>	<b><u>Description</u></b>	<b><u>Code</u></b>
hse_num	Household number	An 8 digit unique Identifier
Hse_Region	Regional municipality of household	1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton/Wentworth 7 - Fringe
Hse_Mun	Area municipality of household	1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/Peel/ Halton Fringe 49 - Hamilton-Wentworth Fringe
Hse_GTAzn	GTA zone of household	1989 GTA zone system <sup>2</sup>
hse_utmX	UTM X coordinate of blockface	Distance east in metres <sup>3</sup>
hse_utmY	UTM Y coordinate of blockface	Distance north in metres <sup>4</sup>
Dwel_type	Type of dwelling unit	1 - House (single/semi-detached link, row or townhouse) 2 - Apartment (multiple unit dwelling sharing a common entrance) 9 - Don't Know/Refused

---

2. GTA zone: A) 1 to 1731 are defined areas within the GTA.  
 B) 1801 to 1810 are defined areas in the fringe.  
 C) 1811 to 1816 are defined external areas.  
 D) 9998 is a special code for locations which have been assigned coordinates that do not lie within any defined zone.

3. UTM X coordinates are measured from 500,000 metres west of 81 degrees longitude.

4. UTM Y coordinates are measured from the equator.

# Household Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
Int_id	Identity code of interviewer	N/A (not applicable)
No_calls	Number of calls or edit attempts to complete the interview	1 - 10
Week_no	Weeks into the survey when trip data was collected	Week of survey ending: 0 - September 7, 1991 1 - September 14, 1991 2 - September 21, 1991 3 - September 28, 1991 4 - October 5, 1991 5 - October 12, 1991 6 - October 19, 1991 7 - October 26, 1991 8 - November 2, 1991 9 - November 9, 1991 10 - November 16, 1991 11 - November 23, 1991 12 - November 30, 1991 13 - December 7, 1991 14 - December 14, 1991 15 - December 21, 1991 99 - Don't Know
Trip_Day	Day of week trips were made	1 - Monday 2 - Tuesday 3 - Wednesday 4 - Thursday 5 - Friday 9 - Don't Know/Refused
No_persns	Total number of persons in household	1 - 99
No_Vehs	Total number of vehicles available for personal use in household	0 - 99
nlic_per	Total number of licensed persons in household	0 - 99
nft_Emp	Total number of full time workers in household	0 - 99
npt_Emp	Total number of part time workers in household	0 - 99



Household Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
nhm_Emp	Total number of persons who work at home in household	0 - 99
n_studnts	Total number of students in household	0 - 99
n_others	Total number who are not employed or a student	0 - 99
n_female	Total number of females in household	0 - 99
n_male	Total number of males in household	0 - 99
npers<16	Total number of persons of age 15 and under in household	0 - 99
npers>65	Total number of persons of age 65 and over in household	0 - 99
nsch_trps	Total number of school trips made by household	0 - 99
nwrk_trps	Total number of work trips made by household	0 - 99
nhm_trps	Total number of home trips made by household	0 - 99
noth_trps	Total number of other trips made by household	0 - 99
Hse_Trips	Total number of households trips	0 - 99
rec_mail	Receipt of advance letter	Y - Yes N - No 9 - Don't Know/Refused
sca_num	Sample control area number of household	101 - 652

## PERSON ATTRIBUTES

The following data was collected or calculated for each person in the sampled households.

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
hse_num	Household number	An 8 digit unique identifier
pers_num	Person number within the household	0 - 9
respon	Respondent status (household member who provided information)	Y - Yes N - No (i.e. his/her information were reported by another member of the household)
age	Age of person in years	1 - Less than 2 years old 02 - 97 years old 98 - 98 years and over 99 - Don't Know/Refused
sex	Gender of the person	F - Female M - Male 9 - Don't Know/Refused
drv_lic	Possession of a driver's licence	Y - Yes N - No 9 - Don't Know/Refused
empl_sta	Employment status of person	F - Full time P - Part time H - Work at home (full time) J - Work at home (part time) O - Not employed 9 - Don't Know/Refused
stu_sta	Student status of person <u>NOTE:</u> All persons aged 6-10 years of age are assumed to be full time students.	S - Full time student* P - Part time student O - Not a student 9 - Don't Know/Refused
Psn_trips	Total number of trips made by each individual the day before the interview date	0 - 99
ntr_trips	Total number of trips made by each individual with primary mode being public transit	0- 99

Person Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
nsb_trips	Total number of trips made by each individual with primary mode being school bus	0 - 99
nwc_trips	Total number of trips made by each individual with primary mode being walk or bicycle	0 - 99
nau_trips	Total number of trips made by each individual with primary mode being an automobile (includes auto driver, auto passenger, motorcycle, taxi and other)	0 - 99
gta_emp	GTA zone of person's place of work	1989 GTA zone system 0 - Not employed 9999 - Don't Know/Refused
wrk_utm_x	UTM X coordinate of person's place of work	Distance east in metres
wrk_utm_y	UTM Y coordinate of person's place of work	Distance north in metres
mun_emp	Area municipality of place of work	0 - Not employed 1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/Peel/ Halton Fringe 49 - Hamilton-Wentworth Fringe 50 - External 99 - Don't Know/Refused
reg_emp	Regional municipality of person's place of work	0 - Not Employed 1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
gta_sch	GTA zone of person's place of school	1989 GTA zone system 0 - Not a student 9999 - Don't Know

Person Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
mun_sch	Area municipality of person's place of school <u>NOTE:</u> For persons aged 6-10 years of age, the area municipality of a person's place of school is assumed to be the same as the person's area municipality of residence	0 - Not a student 1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/Peel/Halton Fringe 49 - Hamilton-Wentworth Fringe 50 - External 99 - Don't Know/Refused
sch_utm	UTM X coordinate of person's place of school	Distance east in metres
sch_utm	UTM Y coordinate of person's place of school	Distance north in metres
reg_sch	Regional municipality of person's place of school <u>NOTE:</u> For persons aged 6-10 years of age, the regional municipality of a person's place of school is assumed to be the same as the person's regional municipality of residence	0 - Not a student 1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
free_park	Availability of free parking at work	Y - Yes N - No 9 - Don't Know/Refused O - Not Employed

## TRIP ATTRIBUTES

The following data was collected or calculated for each trip made on the previous trip day of the interview by each person in the sampled households.

<u>Attributes</u>	<u>Description</u>	<u>Code</u>
hse_num	Household number	An 8 digit unique identifier
pers_num	Person number within the household	0 - 98
trip_num	Trip number for that person	0 - 99
orig_purp	Origin purpose of trip (usually the destination purpose of the previous trip)	W - Work S - School F - Facilitate passenger (Pick Up/Drop Off) D - Daycare L - Linked trip H - Home O - Other 9 - Don't Know/Refused
orig_mun	Area municipality of trip origin	1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/ Peel/ Halton Fringe 49 - Hamilton-Wentworth Fringe 50 - External
orig_gta	GTA zone of trip origin	1989 GTA zone system 9999 - Don't Know
orig_region	Regional municipality of trip origin	1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
start_tim	Start time of trip (24 hour clock)	0400-2800 (4 a.m.on trip day to 4 a.m. the next day) 9999 - Unknown



## Trip Attributes (cont'd...)

<u>Attributes</u>	<u>Description</u>	<u>Code</u>
dest_purp	Destination purpose of trip (i.e. the purpose of the trip)	Same as origin purpose except: W - First work trip of the day R - Second and subsequent work trips S - First school trip of the day C - Second and subsequent school trips
dest_mun	Area municipality of trip destination	1 - 46 (see map on page 14) 47 - Durham fringe 48 - York/ Peel/ Halton fringe 49 - Hamilton fringe 50 - External
dest_gta	GTA zone of trip destination	1989 GTA zone system 9999 - Don't Know
dest_region	Regional municipality of trip destination	1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
primode	Primary mode used for trip (if any part of a trip is made by public transit, the primary mode is defined as B, G or J)	W - Walk D - Auto Driver P - Auto Passenger T - Taxi C - Bicycle M - Motorcycle B - Public Transit (excluding GO Rail) S - School Bus G - GO Rail J - Joint GO Rail and Public Transit O - Other 9 - Don't Know/Refused
etrip_km	Straight line trip length in kilometres	0 - 254 km 255 - Don't Know or >255 km

## TRANSIT ATTRIBUTES

For trips made by public transit, detailed information was collected on the routes and location of transfer points.

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
hse_num	Household number	An 8 digit unique identifier
pers_num	Person number within the household	0 - 98
trip_num	Trip number for that person	0 - 99
acc_mode	Access mode (mode used to access transit)	W - Walk D - Auto Driver P - Auto Passenger T - Taxi C - Bicycle M - Motorcycle O - Other 9 - Don't Know/Refused
acc_mun	Area municipality of access point <sup>5</sup>	1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/Peel/Halton Fringe 49 - Hamilton-Wentworth Fringe 50 - External
acc_gta	GTA zone of access point	1989 GTA zone system 9999 - Don't Know
acc_utm_x	UTM X coordinate of the access point	Distance east in metres
acc_utm_y	UTM Y coordinate of the access point	Distance north in metres

---

5. The access point is the boarding station when the first transit route used is subway or GO rail. If the access mode was by automobile, the name of the station would have been collected in the survey. If the access mode is walk or cycle, the closest station to the origin is assumed. If the first route is not subway or GO rail, the access point is assumed to be the same as the trip origin.

## Transit Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
acc_reg	Regional municipality of access point	1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
egr_mode	Egress mode (mode used to egress transit)	W - Walk D - Auto Driver P - Auto Passenger T - Taxi C - Bicycle M - Motorcycle O - Other 9 - Don't Know/Refused
egr_mun	Area municipality of egress point <sup>6</sup>	1 - 46 (see map on page 14) 47 - Durham Fringe 48 - York/Peel/Halton Fringe 49 - Hamilton-Wentworth Fringe 50 - External
egr_gta	GTA zone of egress point	1989 GTA zone system 9999 - Don't Know
egr_utm_x	UTM X coordinate of the egress point	Distance east in metres
egr_utm_y	UTM Y coordinate of the egress point	Distance north in metres
no_trts	Total number of transit routes (links) used for the trip. Maximum of five.	0 - No information 1 - 5

---

6. The egress point is the alighting station when the last transit route used was subway or GO rail. If the egress mode was by automobile, the name of the station would have been collected in the survey. If the egress mode is walk or cycle, the closest station to the destination is assumed. If the last route is not subway or GO rail, the egress point is assumed to be the same as the trip destination.

# Transit Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
egr_reg	Regional municipality of egress point	1 - Metro 2 - Durham 3 - York 4 - Peel 5 - Halton 6 - Hamilton-Wentworth 7 - Fringe 8 - External 9 - Don't Know/Refused
gor_links	Total number of links on GO Rail	0 - 5
gob_links	Total number of links on GO bus	0 - 5
sub_links	Total number of links on TTC subway and/or SRT	0 - 5
ttcb_link	Total number of links on TTC bus	0 - 5
loc_links	Total number of links on non-TTC local transit properties	0 - 5
oth_links	Total number of links on other transit systems (e.g. VIA, Grey Coach)	0 - 5
orig_utm_x	UTM X coordinate of trip origin	Distance east in metres
orig_utm_y	UTM Y coordinate of trip origin	Distance north in metres
dest_utm_x	UTM X coordinate of trip destination	Distance east in metres
dest_utm_y	UTM Y coordinate of trip destination	Distance north in metres
op_code	Trips using a local transit operator other than TTC or GO Transit	1 or 2 digit transit operator code (see list on page 49) <sup>7</sup>
route_1	Route used for first transit route	4 digit transit route code (see lists on pages 50-63)

---

7. The local transit code is 0 unless a transit route other than GO Transit or TTC was used. If more than one local transit route was used, the code is for the last non-GO Transit or TTC segment.

## Transit Attributes (cont'd...)

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
route_2	Route used for second transit route	4 digit transit route code (see lists on pages 50-63)
route_3	Route used for third transit route	4 digit transit route code (see lists on pages 50-63)
route_4	Route used for fourth transit route	4 digit transit route code (see lists on pages 50-63)
route_5	Route used for fifth transit route	4 digit transit route code (see lists on pages 50-63)
trop_1	Transit operator used for first transit route	1 or 2 digit transit operator code (see list on page 49)
trop_2	Transit operator used for second transit route	1 or 2 digit transit operator code (see list on page 49)
trop_3	Transit operator used for third transit route	1 or 2 digit transit operator code (see list on page 49)
trop_4	Transit operator used for fourth transit route	1 or 2 digit transit operator code (see list on page 49)
trop_5	Transit operator used for fifth transit route	1 or 2 digit transit operator code (see list on page 49)
acc_m/100	Straight line distance from point of origin to point of access to transit in 1/10 of a kilometre	0 - 9999
egr_m/100	Straight line distance from point of egress to point of destination in 1/10 of a kilometre	0 - 9999
tran_km	Straight line distance from point of access to point of egress in kilometres	0 - 255



## TRANSIT ROUTE ATTRIBUTES

For transit trips, the following attributes are available for each transit route used in making the trip.

<u>Attribute</u>	<u>Description</u>	<u>Code</u>
hse_num	Household number	A unique 8 digit identifier
pers_num	Person number within the household	0 - 98
trip_num	Trip number for that person	0 - 99
rte_num	Route segment number for that trip	1 - 5
op_code	Operator code for the route segment	1 or 2 digit transit operator code (see list on page 49)
route	Route code	4 digit transit route code (see lists on pages 50-63)
op_prev	Operator code for previous trip segment	1 or 2 digit transit operator code (see list on page 49)
rte_prev	Route code for previous segment	4 digit transit route code (see lists on pages 40-63)
op_next	Operator code for next trip segment	1 or 2 digit transit operator code (see list on page 49)
rte_next	Route code for next trip segment	4 digit transit route code (see lists on pages 50-63)

## OPERATOR CODES

<u>ROUTE CODE</u>	<u>OPERATOR</u>	<u>PAGE REFERENCE</u>
0	NOT APPLICABLE	
1	TTC BUS	50-53
2	TTC STREETCAR	54
3	TTC SUBWAY & RT	54
4	GO RAIL	55
5	GO BUS	55
20	MISSISSAUGA	56
40	BRAMPTON	57
42	OAKVILLE	58
44	MILTON	58
46	BURLINGTON	58
48	HAMILTON	59
60	VAUGHAN	60
70	RICHMOND HILL	60
72	NEWMARKET	60
74	AURORA	60
80	MARKHAM	60-61
82	PICKERING	61
84	AJAX	61
86	WHITBY	61-62
88	OSHAWA	62

1991 LIST OF TRANSIT OPERATORS AND ROUTE CODES<sup>8</sup>

TORONTO TRANSIT COMMISSION

BUS ROUTES

<u>ROUTE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
0010	ARMOUR HEIGHTS	TTC	BUS
0020	ANGLESEY/RATHBURN	TTC	BUS
0030	ANCASTER PARK	TTC	BUS
0040	ANNETTE/DUPONT	TTC	BUS
0050	AVENUE	TTC	BUS
0060	BAY	TTC	BUS
0070	BATHURST	TTC	BUS
0080	BROADVIEW	TTC	BUS
0090	BELLAMY	TTC	BUS
0100	VAN HORNE	TTC	BUS
0110	BAYVIEW	TTC	BUS
0120	KINGSTON	TTC	BUS
0130	ROUGE HILL	TTC	BUS
0140	GLENCAIRN	TTC	BUS
0150	EVANS	TTC	BUS
0160	MCCOWAN	TTC	BUS
0170	BIRCHMOUNT	TTC	BUS
0180	CALEDONIA	TTC	BUS
0190	CHURCH	TTC	BUS
0200	CLIFFSIDE	TTC	BUS
0210	BRIMLEY	TTC	BUS
0220	COXWELL	TTC	BUS
0230	DAWES	TTC	BUS
0240	VICTORIA PARK	TTC	BUS
0250	DON MILLS	TTC	BUS
0260	BAYVIEW NORTH	TTC	BUS
0280	DAVISVILLE	TTC	BUS
0290	DUFFERIN	TTC	BUS
0300	LAMBTON	TTC	BUS
0310	GREENWOOD	TTC	BUS
0320	EGLINTON WEST	TTC	BUS
0330	FOREST HILL	TTC	BUS
0340	EGLINTON EAST	TTC	BUS
0350	JANE	TTC	BUS
0360	FINCH WEST	TTC	BUS
0370	ISLINGTON	TTC	BUS
0390	FINCH EAST	TTC	BUS

---

8. The following lists contain only operators and route codes used in coding the responses to the 1991 TTS Survey.

Toronto Transit Commission Route Codes (cont'd...)

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
0400	JUNCTION	TTC	BUS
0410	KEELE	TTC	BUS
0420	CUMMER/MCNICOLL	TTC	BUS
0430	KENNEDY	TTC	BUS
0440	KIPLING SOUTH	TTC	BUS
0450	KIPLING/BELLFIELD	TTC	BUS
0460	MARTINGROVE	TTC	BUS
0470	LANSDOWNE	TTC	BUS
0480	HUMBER	TTC	BUS
0490	BLOOR WEST	TTC	BUS
0500	BURNHAMTHORPE	TTC	BUS
0510	LESLIE	TTC	BUS
0520	LAWRENCE WEST	TTC	BUS
0530	STEELES EAST	TTC	BUS
0540	LAWRENCE EAST	TTC	BUS
0550	WARDEN PARK	TTC	BUS
0560	LEASIDE	TTC	BUS
0570	MIDLAND	TTC	BUS
0580	MALTON/DIXON	TTC	BUS
0590	MAPLE LEAF	TTC	BUS
0600	STEELES WEST	TTC	BUS
0610	NORTOWN WEST	TTC	BUS
0620	MORTIMER	TTC	BUS
0630	OSSINGTON	TTC	BUS
0640	MAIN	TTC	BUS
0650	PARLIAMENT	TTC	BUS
0660	PRINCE EDWARD	TTC	BUS
0670	PHARMACY	TTC	BUS
0680	WARDEN	TTC	BUS
0690	WARDEN SOUTH	TTC	BUS
0700	O'CONNOR	TTC	BUS
0710	RUNNYMEDE	TTC	BUS
0720	PAPE	TTC	BUS
0730	ROYAL YORK	TTC	BUS
0740	MT. PLEASANT	TTC	BUS
0750	SHERBOURNE	TTC	BUS
0760	ROYAL YORK SOUTH	TTC	BUS
0770	SPADINA	TTC	BUS
0780	ST. ANDREWS	TTC	BUS
0790	SCARLETT	TTC	BUS
0800	QUEENSWAY	TTC	BUS
0810	THORNCLIFFE PARK	TTC	BUS
0820	ROSEDALE	TTC	BUS
0830	JONES	TTC	BUS
0840	SHEPPARD WEST	TTC	BUS

Toronto Transit Commission Route Codes (cont'd...)

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
0850	SHEPPARD EAST	TTC	BUS
0860	SCARBOROUGH	TTC	BUS
0870	COSBURN	TTC	BUS
0880	SOUTH LEASIDE	TTC	BUS
0890	WESTON	TTC	BUS
0900	VAUGHAN	TTC	BUS
0910	WOODBINE	TTC	BUS
0920	WOODBINE SOUTH	TTC	BUS
0940	WELLESLEY/HARBORD	TTC	BUS
0950	YORK MILLS/ELLESMERE	TTC	BUS
0960	WILSON	TTC	BUS
0970	YONGE/DOWNTOWN	TTC	BUS
0980	WILLOWDALE/SENLAC	TTC	BUS
0990	CLAYSON	TTC	BUS
1000	FLEMINGDON PARK	TTC	BUS
1010	DONWAY	TTC	BUS
1020	MARKHAM	TTC	BUS
1030	NORTOWN EAST	TTC	BUS
1040	FAYWOOD	TTC	BUS
1050	WILSON HEIGHTS	TTC	BUS
1060	YORK UNIVERSITY	TTC	BUS
1070	KEELE NORTH	TTC	BUS
1080	DOWNSVIEW	TTC	BUS
1090	MARLEE/RANEE	TTC	BUS
1100	ISLINGTON SOUTH	TTC	BUS
1110	EAST MALL	TTC	BUS
1120	WEST MALL	TTC	BUS
1130	DANFORTH	TTC	BUS
1150	SILVER HILLS	TTC	BUS
1160	MORNINGSIDE	TTC	BUS
1170	ALNESS	TTC	BUS
1180	FINCH VIA ALLEN	TTC	BUS
1190	GRANDRAVINE	TTC	BUS
1200	CALVINGTON	TTC	BUS
1210	FRONT - ESPLANADE	TTC	BUS
1220	GRAYDON HALL	TTC	BUS
1230	SHORNCLIFFE	TTC	BUS
1240	SUNNYBROOK	TTC	BUS
1250	DREWRY	TTC	BUS
1260	CHRISTIE	TTC	BUS
1270	DAVENPORT	TTC	BUS
1280	BRIMLEY NORTH	TTC	BUS
1290	MCCOWAN NORTH	TTC	BUS
1300	MIDDLEFIELD	TTC	BUS
1310	NUGGET	TTC	BUS



Toronto Transit Commission Route Codes (cont'd...)

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
1320	MILNER	TTC	BUS
1330	NEILSON	TTC	BUS
1340	TAPSCOTT	TTC	BUS
1350	GERRARD	TTC	BUS
1360	PREMIUM EXPRESS/WYNFORD	TTC	BUS
1380	SOUTH KINGSWAY	TTC	BUS
1390	HUNTINGWOOD	TTC	BUS
1400	DOWNTOWN EXPRESS	TTC	BUS
1410	DOWNTOWN EXPRESS - MT. PLEASANT	TTC	BUS
1420	DOWNTOWN EXPRESS - AVENUE	TTC	BUS
1430	DOWNTOWN EXPRESS - QUEEN	TTC	BUS
1600	BATHURST NORTH	TTC	BUS
1620	LAWRENCE/DONWAY	TTC	BUS
1630	RUSTIC	TTC	BUS
1640	CALVINGTON/RUSTIC	TTC	BUS
1650	WESTON	TTC	BUS
1660	SILVER HILLS/GRAYDON HALL	TTC	BUS
1670	CONSUMERS	TTC	BUS
1900	CITY CENTRE EXPRESS	TTC	BUS
1910	HIGHWAY 27 EXPRESS	TTC	BUS

BLUE NIGHT SERVICE BUSES:

3000	BLOOR/DANFORTH	TTC	BUS
3020	DANFORTH/MCCOWAN	TTC	BUS
3030	DON MILLS	TTC	BUS
3050	EGLINTON EAST	TTC	BUS
3070	EGLINTON WEST	TTC	BUS
3080	FINCH EAST	TTC	BUS
3090	FINCH WEST	TTC	BUS
3110	ISLINGTON	TTC	BUS
313A	JANE	TTC	BUS
3150	LANSDOWNE	TTC	BUS
3160	OSSINGTON	TTC	BUS
3170	SPADINA	TTC	BUS
3180	DUFFERIN/BATHURST	TTC	BUS
3190	WILSON	TTC	BUS
3200	YONGE	TTC	BUS
3210	YORK MILLS VIA NEILSON	TTC	BUS

TORONTO TRANSIT COMMISSION

STREETCAR ROUTES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
<u>BLUE NIGHT SERVICE STREETCARS:</u>			
3010	QUEEN	TTC	STREETCAR
3040	KING	TTC	STREETCAR
3060	CARLTON	TTC	STREETCAR
3100	BATHURST	TTC	STREETCAR
3120	ST. CLAIR	TTC	STREETCAR

REGULAR SERVICE STREETCARS:

5010	QUEEN/NEVILLE PARK	TTC	STREETCAR
5020	DOWNTOWNER	TTC	STREETCAR
5030	KINGSTON	TTC	STREETCAR
5040	KING	TTC	STREETCAR
5050	DUNDAS	TTC	STREETCAR
5060	CARLTON/COLLEGE	TTC	STREETCAR
5070	LONG BRANCH	TTC	STREETCAR
5110	BATHURST	TTC	STREETCAR
5120	ST. CLAIR	TTC	STREETCAR
5604	HARBOURFRONT LRT	TTC	STREETCAR

TORONTO TRANSIT COMMISSION

SUBWAY - RT ROUTES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
5950	SUBWAY (YONGE/BLOOR/SPADINA)	TTC	SUBWAY
5951	RT (SCARBOROUGH)	TTC	SUBWAY

GO TRANSIT

TRAIN AND BUS ROUTES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
9000	GO TRAIN	GO	TRAIN
6500	GO TRANSIT GENERAL	GO	BUS
6501	ALL TRAIN MEET	GO	BUS
6514	LAKESHORE WEST	GO	BUS
6516	HAMILTON EXPRESS	GO	BUS
6527	MILTON	GO	BUS
6528	MISSISSAUGA/YORKDALE	GO	BUS
6531	GEORGETOWN/GUELPH	GO	BUS
6534	YORKDALE/BRAMPTON	GO	BUS
6536	BRAMALEA	GO	BUS
6557	PALGRAVE	GO	BUS
6561	C SERVICE (YONGE)	GO	BUS
6562	B SERVICE	GO	BUS
6563	BAYVIEW	GO	BUS
6565	KING	GO	BUS
6568	BARRIE	GO	BUS
6575	MARKHAM	GO	BUS
6576	STOUFFVILLE	GO	BUS
6594	HIGHWAY 2	GO	BUS

PEEL REGION  
TRANSIT ROUTE CODES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
<u>MISSISSAUGA</u>			
2000	MISSISSAUGA GENERAL	MISSISSAUGA	BUS
2010	DUNDAS	MISSISSAUGA	BUS
2020	HURONTARIO	MISSISSAUGA	BUS
2030	BLOOR	MISSISSAUGA	BUS
2040	APPLEWOOD	MISSISSAUGA	BUS
2050	DIXIE	MISSISSAUGA	BUS
2060	CREDIT WOODLANDS	MISSISSAUGA	BUS
2070	AIRPORT	MISSISSAUGA	BUS
2080	CAWTHRA	MISSISSAUGA	BUS
2090	STREETSVILLE	MISSISSAUGA	BUS
2100	MEADOW	MISSISSAUGA	BUS
2110	MALTON EXPRESS	MISSISSAUGA	BUS
2120	REXDALE	MISSISSAUGA	BUS
2130	CLARKSON	MISSISSAUGA	BUS
2150	MALTON INDUSTRIAL WEST	MISSISSAUGA	BUS
2160	MALTON EAST	MISSISSAUGA	BUS
2170	DIXIE INDUSTRIAL SOUTH	MISSISSAUGA	BUS
2180	MALTON INDUSTRIAL SOUTH	MISSISSAUGA	BUS
2190	BRAMPTON	MISSISSAUGA	BUS
2200	RATHBURN	MISSISSAUGA	BUS
2220	HUMBER COLLEGE	MISSISSAUGA	BUS
2230	LAKESHORE	MISSISSAUGA	BUS
2240	MEADOWVALE GO	MISSISSAUGA	BUS
2250	BRITTANIA INDUSTRIAL	MISSISSAUGA	BUS
2260	BURNHAMTHORPE WEST	MISSISSAUGA	BUS
2270	DUNDAS EXPRESS	MISSISSAUGA	BUS
2280	CONFEDERATION	MISSISSAUGA	BUS
2290	HOMELANDS	MISSISSAUGA	BUS
2300	MALTON WEST	MISSISSAUGA	BUS
2310	ERINDALE COLLEGE	MISSISSAUGA	BUS
2340	EGLINTON WEST	MISSISSAUGA	BUS
2350	DERRY INDUSTRIAL	MISSISSAUGA	BUS
2360	BURNHAMTHORPE	MISSISSAUGA	BUS
2370	ERIN MILLS WEST	MISSISSAUGA	BUS
2380	CREDITVIEW	MISSISSAUGA	BUS
3390	BRITTANIA	MISSISSAUGA	BUS
2400	MALTON	MISSISSAUGA	BUS
2410	PORT CREDIT	MISSISSAUGA	BUS
2420	DERRY WEST	MISSISSAUGA	BUS
2440	FALCONER	MISSISSAUGA	BUS

Peel Region Transit Route Codes (cont'd...)

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
2450	SHERIDAN PARK	MISSISSAUGA	BUS
2470	COLLEGEWAY	MISSISSAUGA	BUS
2480	ERIN MILLS PARKWAY	MISSISSAUGA	BUS
2510	TOMKEN	MISSISSAUGA	BUS
2520	MEYERSIDE INDUSTRIAL	MISSISSAUGA	BUS
2530	KENNEDY	MISSISSAUGA	BUS
2550	DIXIE INDUSTRIAL	MISSISSAUGA	BUS
2560	MALTON EAST	MISSISSAUGA	BUS
2600	DUNDAS EXPRESS	MISSISSAUGA	BUS
2660	FOLKWAY	MISSISSAUGA	BUS
2670	HEARTLAND	MISSISSAUGA	BUS
2680	BRISTOL	MISSISSAUGA	BUS
2700	HEARTLAND EXPRESS	MISSISSAUGA	BUS
2810	DUNDAS EXPRESS	MISSISSAUGA	BUS
2860	BURNHAMTHORPE EXPRESS	MISSISSAUGA	BUS
2870	AIRPORT EXPRESS	MISSISSAUGA	BUS
2999	SHUTTLE BUS-ERIN MILLS TWN CTR	MISSISSAUGA	BUS

BRAMPTON

4000	BRAMPTON GENERAL	BRAMPTON	BUS
4001	QUEEN	BRAMPTON	BUS
4002	MAIN	BRAMPTON	BUS
4003	MCLAUGHLIN	BRAMPTON	BUS
4007	KENNEDY	BRAMPTON	BUS
4008	CENTRE	BRAMPTON	BUS
4009	VODDEN	BRAMPTON	BUS
4010	INDUSTRIAL	BRAMPTON	BUS
4011	STEELES	BRAMPTON	BUS
4012	GRENOBLE	BRAMPTON	BUS
4013	AVONDALE	BRAMPTON	BUS
4014	TORBRAM	BRAMPTON	BUS
4015	BRAMALEA	BRAMPTON	BUS
4016	SOUTHGATE	BRAMPTON	BUS
4017	HOWDEN	BRAMPTON	BUS
4018	DIXIE	BRAMPTON	BUS
4020	EAST INDUSTRIAL	BRAMPTON	BUS
4030	AIRPORT INDUSTRIAL	BRAMPTON	BUS
4077	HIGHWAY 7/CENTRE STREET	BRAMPTON	BUS
4090	CENTRAL PARK	BRAMPTON	BUS



## HALTON REGION

### TRANSIT ROUTE CODES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
<u>OAKVILLE</u>			
4200	OAKVILLE GENERAL	OAKVILLE	BUS
4211	LINBROOK/EASTLAKE	OAKVILLE	BUS
4214	SHERIDAN/LAKESHORE WEST	OAKVILLE	BUS
4215	BRIDGE	OAKVILLE	BUS
4216	SPEERS	OAKVILLE	BUS
4217	WHITE OAKS/QUEEN MARY	OAKVILLE	BUS
4218	GLEN ABBEY	OAKVILLE	BUS
4219	RIVER OAKS	OAKVILLE	BUS
4220	UPPER IROQUOIS NORTH	OAKVILLE	BUS
4221	CLEARVIEW NORTH/SOUTH	OAKVILLE	BUS
4230	GO SPECIAL	OAKVILLE	BUS
4431	CLARKSON GO	OAKVILLE	BUS
<u>MILTON</u>			
4400	MILTON GENERAL	MILTON	BUS
4401	SOUTH WEST	MILTON	BUS
4402	SOUTH EAST	MILTON	BUS
4403	NORTH WEST	MILTON	BUS
4404	NORTH EAST	MILTON	BUS
<u>BURLINGTON</u>			
4600	BURLINGTON GENERAL	BURLINGTON	BUS
4601	FAIRVIEW/NEW	BURLINGTON	BUS
4602	BRANT/GUELPH LINE	BURLINGTON	BUS
4603	MOUNT FOREST	BURLINGTON	BUS
4604	PINEDALE/ALDERSHOT	BURLINGTON	BUS
4605	HEADON FOREST	BURLINGTON	BUS
4606	TYANDAGA	BURLINGTON	BUS
4607	INDUSTRIAL	BURLINGTON	BUS
4610	GO SPECIAL - BURLINGTON	BURLINGTON	BUS
4620	GO SPECIAL - APPLEBY	BURLINGTON	BUS

## HAMILTON-WENTWORTH REGION

### TRANSIT ROUTE CODES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
4800	HAMILTON GENERAL	HAMILTON	BUS
4801	KING	HAMILTON	BUS
4802	BARTON	HAMILTON	BUS
4803	CANNON	HAMILTON	BUS
4804	BAYFRONT	HAMILTON	BUS
4805	DELAWARE	HAMILTON	BUS
4806	ABERDEEN	HAMILTON	BUS
4807	LOCKE	HAMILTON	BUS
4808	YORK	HAMILTON	BUS
4809	ROCK GARDENS	HAMILTON	BUS
4810	BEE-LINE	HAMILTON	BUS
4811	PARKDALE	HAMILTON	BUS
4815	SHERMAN OTTAWA	HAMILTON	BUS
4821	UPPER KENILWORTH	HAMILTON	BUS
4822	UPPER OTTAWA	HAMILTON	BUS
4823	UPPER GAGE	HAMILTON	BUS
4824	UPPER SHERMAN	HAMILTON	BUS
4825	UPPER WENTWORTH	HAMILTON	BUS
4826	UPPER WELLINGTON	HAMILTON	BUS
4827	UPPER JAMES	HAMILTON	BUS
4831	FENNELL	HAMILTON	BUS
4832	GARTH	HAMILTON	BUS
4833	SANATORIUM	HAMILTON	BUS
4834	UPPER PARADISE	HAMILTON	BUS
4835	COLLEGE	HAMILTON	BUS
4841	MOWHAWK	HAMILTON	BUS
4845	LIMERIDGE	HAMILTON	BUS
4851	ANCASTER	HAMILTON	BUS
4852	DUNDAS LOCAL	HAMILTON	BUS
4853	BURLINGTON	HAMILTON	BUS
4854	DUNDAS - GOVERNORS	HAMILTON	BUS
4855	STONEY CREEK - CENTRAL	HAMILTON	BUS
4856	CONFEDERATION	HAMILTON	BUS
4857	NASH	HAMILTON	BUS
4858	STONEY CREEK - LOCAL	HAMILTON	BUS

YORK REGION  
TRANSIT ROUTE CODES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
<u>VAUGHAN</u>			
6000	VAUGHAN GENERAL	VAUGHAN	BUS
6001	WEST WOODBRIDGE	VAUGHAN	BUS
6002	PINE VALLEY	VAUGHAN	BUS
6003	ISLINGTON AVENUE	VAUGHAN	BUS
6004	MAPLE	VAUGHAN	BUS
6005	CLARK	VAUGHAN	BUS
6006	ANSLEY GROVE	VAUGHAN	BUS
6007	MARTINGROVE	VAUGHAN	BUS
<u>RICHMOND HILL</u>			
7001	MILL POND	RICHMOND HILL	BUS
7002	NEWKIRK	RICHMOND HILL	BUS
7003	TRENCH	RICHMOND HILL	BUS
7004	OAK RIDGES	RICHMOND HILL	BUS
7005	16TH AVENUE	RICHMOND HILL	BUS
7006	WELDRICK	RICHMOND HILL	BUS
7007	MAJOR MACKENZIE	RICHMOND HILL	BUS
7008	BATHURST	RICHMOND HILL	BUS
<u>NEWMARKET</u>			
7200	NEWMARKET GENERAL	NEWMARKET	BUS
7201	NEWMARKET NORTHEAST	NEWMARKET	BUS
7202	NEWMARKET SOUTHEAST	NEWMARKET	BUS
7203	NEWMARKET SOUTHWEST	NEWMARKET	BUS
7204	NEWMARKET #44	NEWMARKET	BUS
7205	NEWMARKET #55	NEWMARKET	BUS
<u>AURORA</u>			
7401	AURORA NORTHBOUND	AURORA	BUS
7402	AURORA SOUTHBOUND	AURORA	BUS
<u>MARKHAM</u>			
8000	MARKHAM GENERAL	MARKHAM	BUS
8001	TRUNK NORTH	MARKHAM	BUS
8002	TRUNK SOUTH	MARKHAM	BUS
8003	THORNHILL	MARKHAM	BUS

York Region Transit Route Codes (cont'd...)

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
8004	UNIONVILLE	MARKHAM	BUS
8005	MARKHAM EXPRESS	MARKHAM	BUS
8006	UNIONVILLE EXPRESS	MARKHAM	BUS

DURHAM REGION

TRANSIT ROUTE CODES

<u>ROUTE CODE</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
<u>PICKERING</u>			
8201	INDUSTRIAL	PICKERING	BUS
8202	LIVERPOOL/VILLAGE EAST	PICKERING	BUS
8203	AMBERLEA	PICKERING	BUS
8204	GLENDALE	PICKERING	BUS
8205	WESTHORE/LOOKUP POINT	PICKERING	BUS
8206	BAY RIDGES	PICKERING	BUS
8207	ROSEBANK	PICKERING	BUS
8208	SHUTTLE BUS	PICKERING	BUS
8209	HIGHBUSH	PICKERING	BUS
8211	NORTH PICKERING	PICKERING	BUS
8212	BROCK ROAD	PICKERING	BUS
8214	MAPLE RIDGE	PICKERING	BUS

AJAX

8401	BEACH ROUTE	AJAX	BUS
8402	PUCKRIN	AJAX	BUS
8403	DUFFINS	AJAX	BUS
8404	VILLAGE	AJAX	BUS
8405	HARWOOD	AJAX	BUS
8406	WESTNEY HEIGHTS	AJAX	BUS
8407	ELM	AJAX	BUS
8408	APPLECROFT	AJAX	BUS

WHITBY

8601	OTTER CREEK	WHITBY	BUS
8602	SOMERSET HILL	WHITBY	BUS

Durham Region Transit Routes (cont'd...)

<u>ROUTE NAME</u>	<u>ROUTE NAME</u>	<u>OPERATOR</u>	<u>MODE</u>
8603	BROOKWOOD	WHITBY	BUS
8304	BLAIR PARK	WHITBY	BUS
8605	BLUEGRASS MEADOWS	WHITBY	BUS
8606	WHITE OAKS/WHITBY TOWN	WHITBY	BUS
<u>OSHAWA</u>			
8801	SIMCOE SOUTH	OSHAWA	BUS
8802	SIMCOE NORTH	OSHAWA	BUS
8803	KING EAST	OSHAWA	BUS
8804	PARK CEDAR	OSHAWA	BUS
8805	APPLEHILL	OSHAWA	BUS
8806	RITSON	OSHAWA	BUS
8807	ROSSLAND	OSHAWA	BUS
8809	THORNTON	OSHAWA	BUS
8810	MARY/NONQUON	OSHAWA	BUS
8811	BOND WEST	OSHAWA	BUS
8812	LAKELAND HILLS	OSHAWA	BUS
8813	STEVENSON/BOUNDARY	OSHAWA	BUS
8814	COLLEGE HILL	OSHAWA	BUS
8815	SHUTTLE VIA STEVENSON ROAD	OSHAWA	BUS
8816	SHUTTLE VIA SIMCOE STREET	OSHAWA	BUS



**OTHER TRANSIT OPERATORS AND ROUTE CODES**

<u><b>ROUTE CODE</b></u>	<u><b>ROUTE NAME</b></u>	<u><b>OPERATOR</b></u>	<u><b>MODE</b></u>
9910	VIA RAIL	VIA	TRAIN
9920	ONTARIO NORTHLAND RAILWAY	ONTARIO	TRAIN
9930	CHARTER BUS	CHARTER	BUS
9940	WHEEL TRANS	WHEEL TRANS	BUS
9941	VAUGHAN ACCESS BUS	VAUGHAN	BUS
9942	MARKHAM MOBILITY	MARKHAM	BUS
9943	PICKERING HANDI TRANSIT	PICKERING	BUS
9950	GREY COACH	GREY COACH	BUS
9960	GREY HOUND	GREY HOUND	BUS
9970	VOYAGEUR	VOYAGEUR	BUS
9980	CANADA COACH	CANADA COACH	BUS
9990	PENATANG MIDLAND COUCH	PMCL	BUS
9991	CAN AIR COACH SERVICE	CAN-AIR	BUS
9992	ISLAND FERRY	ISLAND	BUS
9993	BURLINGTON HANDI VAN	BURLINGTON	BUS
9994	AIRWAY TRANSIT	BURLINGTON	BUS
9995	PORT HOPE BUS	PORT HOPE	BUS
9996	TRANSHelp	MISSISSAUGA	BUS
9999	SHUTTLE BUS - PRIVATE TRANSIT	PRIVATE	BUS

## CONTROL TOTALS FOR 1991 TTS VERSION 2.1

### HOUSEHOLD TABULATIONS

The following tabulations are "Number of Households" stratified by various categories. The "# RECORDS" figures are the actual number of records in the TTS HOUSEHOLD file. The "FREQUENCY" figures are the expanded results representing the universe. Minor differences in the expanded total are due to rounding errors.

Variable name : Hse\_Region (Regional municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	7363	30.04	30.04	869558	50.65	50.65
2	Durham	2949	12.03	42.08	136564	7.96	58.61
3	York	4384	17.89	59.97	150929	8.79	67.40
4	Peel	3962	16.17	76.13	230299	13.42	80.82
5	Halton	1509	6.16	82.29	106648	6.21	87.03
6	Hamilton-Wentworth	2116	8.63	90.93	169126	9.85	96.88
7	Fringe	2224	9.07	100.00	53522	3.12	100.00
	TOTAL	24507			1716645		

Variable name : Hse\_Mun (Area municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	1206	4.92	4.92	80883	4.71	4.71
2	PD2-Metro	454	1.85	6.77	73599	4.29	9.00
3	PD3-Metro	521	2.13	8.90	84274	4.91	13.91
4	PD4-Metro	490	2.00	10.90	88196	5.14	19.05
5	PD5-Metro	481	1.96	12.86	41973	2.45	21.49
6	PD6-Metro	439	1.79	14.65	79566	4.63	26.13
7	PD7-Metro	253	1.03	15.69	21825	1.27	27.40
8	PD8-Metro	361	1.47	17.16	67604	3.94	31.34
9	PD9-Metro	259	1.06	18.22	26143	1.52	32.86
10	PD10-Metro	376	1.53	19.75	50117	2.92	35.78
11	PD11-Metro	570	2.33	22.08	54584	3.18	38.96
12	PD12-Metro	143	0.58	22.66	25490	1.48	40.44
13	PD13-Metro	474	1.93	24.59	69324	4.04	44.48
14	PD14-Metro	152	0.62	25.21	20789	1.21	45.69
15	PD15-Metro	330	1.35	26.56	23875	1.39	47.08
16	PD16-Metro	854	3.48	30.04	61316	3.57	50.65
17	Brock	32	0.13	30.18	3774	0.22	50.87
18	Uxbridge	233	0.95	31.13	5052	0.29	51.17
19	Scugog	51	0.21	31.33	6015	0.35	51.52
20	Pickering	508	2.07	33.41	21272	1.24	52.76
21	Ajax	572	2.33	35.74	17376	1.01	53.77
22	Whitby	502	2.05	37.79	19625	1.14	54.91
23	Oshawa	389	1.59	39.38	47025	2.74	57.65
24	Newcastle	662	2.70	42.08	16424	0.96	58.61
25	Georgina	71	0.29	42.37	10721	0.62	59.23
26	East Gwillimbury	112	0.46	42.82	5455	0.32	59.55
27	Newmarket	151	0.62	43.44	14196	0.83	60.38
28	Aurora	448	1.83	45.27	9390	0.55	60.93
29	Richmond Hill	772	3.15	48.42	25632	1.49	62.42
30	Whitchurch-Stouffvill	245	1.00	49.42	6061	0.35	62.77

Area Municipality of Household (cont'd...)

31	Markham	1191	4.86	54.28	43769	2.55	65.32
32	King	36	0.15	54.43	5777	0.34	65.66
33	Vaughan	1358	5.54	59.97	29928	1.74	67.40
34	Caledon	401	1.64	61.60	10759	0.63	68.03
35	Brampton	1490	6.08	67.68	70823	4.13	72.15
36	Mississauga	2071	8.45	76.13	148717	8.66	80.82
37	Halton Hills	139	0.57	76.70	12206	0.71	81.53
38	Milton	60	0.24	76.95	10085	0.59	82.12
39	Oakville	625	2.55	79.50	38055	2.22	84.33
40	Burlington	685	2.80	82.29	46303	2.70	87.03
41	Flamborough	287	1.17	83.46	11501	0.67	87.70
42	Dundas	41	0.17	83.63	5904	0.34	88.04
43	Ancaster	187	0.76	84.39	6869	0.40	88.44
44	Glanbrook	17	0.07	84.46	3080	0.18	88.62
45	Stoney Creek	482	1.97	86.43	16246	0.95	89.57
46	Hamilton	1102	4.50	90.93	125526	7.31	96.88
47	Durham fringe	423	1.73	92.65	12693	0.74	97.62
48	York/Peel/Halton fri	1146	4.68	97.33	25980	1.51	99.14
49	Hamilton fringe	655	2.67	100.00	14849	0.86	100.00

TOTAL	24507	1716645
-------	-------	---------

Variable name : Dwel\_type (Dwelling unit type)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	House	18186	74.21	74.21	1136921	66.23	66.23
2	Apartment	6321	25.79	100.00	579725	33.77	100.00

TOTAL	24507	1716645
-------	-------	---------

Variable name : rec\_mail (Receipt of advance letter)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
N	No	8100	33.05	33.05	570715	33.25	33.25
Y	Yes	15809	64.51	97.56	1098011	63.96	97.21
9	Don't know/Refused	598	2.44	100.00	47919	2.79	100.00

TOTAL	24507	1716645
-------	-------	---------

Variable name : No\_calls (Number of calls or edit attempts to complete the interview)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1		9911	40.44	40.44	680985	39.67	39.67
2		6332	25.84	66.28	437396	25.48	65.15
3		3548	14.48	80.76	255013	14.86	80.00
4		1985	8.10	88.86	134531	7.84	87.84
5		1115	4.55	93.41	81078	4.72	92.56
6		644	2.63	96.03	49287	2.87	95.44
7		423	1.73	97.76	31739	1.85	97.28
8		259	1.06	98.82	21517	1.25	98.54
9		172	0.70	99.52	15452	0.90	99.44
10		118	0.48	100.00	9648	0.56	100.00

TOTAL	24507	1716646
MEAN	2.38	2.44

Variable name : Week\_No (Weeks into the survey when trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	September 7, 1991	420	1.71	1.71	34810	2.03	2.03
1	September 14, 1991	860	3.51	5.22	69566	4.05	6.08
2	September 21, 1991	764	3.12	8.34	49054	2.86	8.94
3	September 28, 1991	923	3.77	12.11	60189	3.51	12.44
4	October 5, 1991	1187	4.84	16.95	73032	4.25	16.70
5	October 12, 1991	1268	5.17	22.12	89398	5.21	21.91
6	October 19, 1991	1731	7.06	29.19	115788	6.74	28.65
7	October 26, 1991	2158	8.81	37.99	152890	8.91	37.56
8	November 2, 1991	2270	9.26	47.26	143572	8.36	45.92
9	November 9, 1991	2151	8.78	56.03	163574	9.53	55.45
10	November 16, 1991	2460	10.04	66.07	166773	9.72	65.16
11	November 23, 1991	2358	9.62	75.69	169024	9.85	75.01
12	November 30, 1991	2246	9.16	84.86	176991	10.31	85.32
13	December 7, 1991	2173	8.87	93.72	155028	9.03	94.35
14	December 14, 1991	1355	5.53	99.25	80313	4.68	99.03
15	December 21, 1991	10	0.04	99.29	390	0.02	99.05
99	Don't know/Refused	173	0.71	100.00	16254	0.95	100.00
TOTAL		24507			1716645		

Variable name : Trip\_Day (Day of week trips were made)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Monday	4124	16.83	16.83	284328	16.56	16.56
2	Tuesday	4564	18.62	35.45	331706	19.32	35.89
3	Wednesday	4319	17.62	53.07	308675	17.98	53.87
4	Thursday	6312	25.76	78.83	433322	25.24	79.11
5	Friday	5008	20.43	99.27	341753	19.91	99.02
9	Don't know/Refused	180	0.73	100.00	16862	0.98	100.00
TOTAL		24507			1716645		

Variable name : No\_persns (Total number of persons in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1		3784	15.44	15.44	343699	20.02	20.02
2		7192	29.35	44.79	541237	31.53	51.55
3		4529	18.48	63.27	306810	17.87	69.42
4		5572	22.74	86.00	323272	18.83	88.25
5		2466	10.06	96.07	143553	8.36	96.62
6		695	2.84	98.90	41465	2.42	99.03
7		180	0.73	99.64	10490	0.61	99.64
8		66	0.27	99.91	4348	0.25	99.90
9		23	0.09	100.00	1772	0.10	100.00
TOTAL		24507			1716645		
MEAN		2.96			2.76		

Variable name : No\_Vehs (Total number of vehicles available for personal use in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		2323	9.48	9.48	241417	14.06	14.06
1		8761	35.75	45.23	705996	41.13	55.19



Total Number of Vehicles (cont'd...)

2	10498	42.84	88.06	605936	35.30	90.49
3	2279	9.30	97.36	128691	7.50	97.98
4	484	1.97	99.34	26047	1.52	99.50
5	122	0.50	99.84	6941	0.40	99.91
6	19	0.08	99.91	418	0.02	99.93
7	13	0.05	99.97	690	0.04	99.97
8	3	0.01	99.98	262	0.02	99.99
9	1	0.00	99.98	23	0.00	99.99
10	2	0.01	99.99	43	0.00	99.99
11	1	0.00	100.00	158	0.01	100.00
14	1	0.00	100.00	23	0.00	100.00
TOTAL		24507		1716646		
MEAN		1.61		1.43		

Variable name : Hse\_Trips (Total number of household trips)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		1642	6.70	6.70	146522	8.54	8.54
1		127	0.52	7.22	11294	0.66	9.19
2		3379	13.79	21.01	261966	15.26	24.45
3		931	3.80	24.81	75506	4.40	28.85
4		4320	17.63	42.43	306220	17.84	46.69
5		1258	5.13	47.57	89298	5.20	51.89
6		3172	12.94	60.51	214212	12.48	64.37
7		1143	4.66	65.17	76956	4.48	68.85
8		2342	9.56	74.73	155258	9.04	77.90
9		923	3.77	78.50	61324	3.57	81.47
10		1400	5.71	84.21	88244	5.14	86.61
11		671	2.74	86.95	40126	2.34	88.95
12		901	3.68	90.62	57501	3.35	92.30
13		417	1.70	92.32	26903	1.57	93.87
14		481	1.96	94.29	28387	1.65	95.52
15		275	1.12	95.41	15921	0.93	96.45
16		296	1.21	96.62	15590	0.91	97.35
17		163	0.67	97.28	8641	0.50	97.86
18		187	0.76	98.05	10428	0.61	98.47
19		114	0.47	98.51	5629	0.33	98.79
20		88	0.36	98.87	4377	0.25	99.05
21		61	0.25	99.12	3417	0.20	99.25
22		53	0.22	99.33	2652	0.15	99.40
23		38	0.16	99.49	2670	0.16	99.56
24		29	0.12	99.61	2362	0.14	99.69
25		18	0.07	99.68	1007	0.06	99.75
26		18	0.07	99.76	1216	0.07	99.82
27		15	0.06	99.82	832	0.05	99.87
28		14	0.06	99.87	301	0.02	99.89
29		6	0.02	99.90	407	0.02	99.91
30		5	0.02	99.92	118	0.01	99.92
31		3	0.01	99.93	57	0.00	99.92
32		3	0.01	99.94	403	0.02	99.95
33		3	0.01	99.96	353	0.02	99.97
34		3	0.01	99.97	69	0.00	99.97
35		2	0.01	99.98	186	0.01	99.98
36		1	0.00	99.98	23	0.00	99.98



Total Number of Household Trips (cont'd...)

37	1	0.00	99.98	20	0.00	99.99
39	1	0.00	99.99	186	0.01	100.00
41	1	0.00	99.99	19	0.00	100.00
42	2	0.01	100.00	45	0.00	100.00
TOTAL		24507		1716645		
MEAN		6.42		5.96		

Variable name : nlic\_per (Total number of licensed persons in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		1445	5.90	5.90	151530	8.83	8.83
1		5641	23.02	28.91	487684	28.41	37.24
2		13016	53.11	82.03	807802	47.06	84.29
3		2945	12.02	94.04	181751	10.59	94.88
4		1175	4.79	98.84	69571	4.05	98.93
5		247	1.01	99.84	16598	0.97	99.90
6		28	0.11	99.96	1303	0.08	99.98
7		8	0.03	99.99	354	0.02	100.00
8		2	0.01	100.00	53	0.00	100.00
TOTAL		24507			1716646		
MEAN		1.90			1.76		

Variable name : nft\_Emp (Total number of full time workers in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		5503	22.45	22.45	459241	26.75	26.75
1		9825	40.09	62.55	669864	39.02	65.77
2		7933	32.37	94.92	503421	29.33	95.10
3		989	4.04	98.95	66954	3.90	99.00
4		219	0.89	99.84	14252	0.83	99.83
5		31	0.13	99.97	2565	0.15	99.98
6		5	0.02	99.99	292	0.02	100.00
8		2	0.01	100.00	57	0.00	100.00
TOTAL		24507			1716646		
MEAN		1.21			1.14		

Variable name : npt\_Emp (Total number of part time workers in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		20836	85.02	85.02	1473297	85.82	85.82
1		3481	14.20	99.22	227294	13.24	99.06
2		179	0.73	99.96	14659	0.85	99.92
3		10	0.04	100.00	1211	0.07	99.99
4		1	0.00	100.00	184	0.01	100.00
TOTAL		24507			1716645		
MEAN		0.16			0.15		

Variable name : nhm\_Emp (Total number of persons who work at home in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		22849	93.23	93.23	1616940	94.19	94.19
1		1403	5.72	98.96	85153	4.96	99.15
2		229	0.93	99.89	13198	0.77	99.92
3		21	0.09	99.98	1236	0.07	99.99
4		5	0.02	100.00	118	0.01	100.00
TOTAL		24507			1716645		
MEAN		0.08			0.07		

Variable name : n\_studnts (Total number of students in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		17679	72.14	72.14	1284718	74.84	74.84
1		4012	16.37	88.51	265620	15.47	90.31
2		2235	9.12	97.63	131679	7.67	97.98
3		494	2.02	99.65	28786	1.68	99.66
4		72	0.29	99.94	4239	0.25	99.91
5		13	0.05	99.99	1399	0.08	99.99
6		2	0.01	100.00	205	0.01	100.00
TOTAL		24507			1716646		
MEAN		0.42			0.37		

Variable name : n\_others (Total number of other status persons in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		9214	37.60	37.60	663762	38.67	38.67
1		7473	30.49	68.09	547467	31.89	70.56
2		5255	21.44	89.53	357971	20.85	91.41
3		1784	7.28	96.81	103050	6.00	97.41
4		621	2.53	99.35	33381	1.94	99.36
5		130	0.53	99.88	9103	0.53	99.89
6		24	0.10	99.98	1614	0.09	99.98
7		4	0.02	99.99	84	0.00	99.99
8		2	0.01	100.00	212	0.01	100.00
TOTAL		24507			1716645		
MEAN		1.09			1.03		

Variable name : n\_female (Total number of females in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		2041	8.33	8.33	180941	10.54	10.54
1		12629	51.53	59.86	919698	53.58	64.12
2		6613	26.98	86.84	423325	24.66	88.78
3		2553	10.42	97.26	153603	8.95	97.72
4		542	2.21	99.47	31196	1.82	99.54
5		117	0.48	99.95	7343	0.43	99.97
6		12	0.05	100.00	539	0.03	100.00
TOTAL		24507			1716645		
MEAN		1.48			1.39		

Variable name : n\_male (Total number of males in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		2991	12.20	12.20	269505	15.70	15.70
1		11414	46.57	58.78	828873	48.28	63.98
2		6606	26.96	85.73	410658	23.92	87.91
3		2757	11.25	96.98	162490	9.47	97.37
4		621	2.53	99.52	38219	2.23	99.60
5		103	0.42	99.94	6088	0.35	99.95
6		13	0.05	99.99	753	0.04	100.00
7		2	0.01	100.00	59	0.00	100.00
TOTAL		24507			1716646		
MEAN		1.47			1.35		

Variable name : npers<16 (Total number of persons of age 15 and under in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		14732	60.11	60.11	1152325	67.13	67.13
1		3958	16.15	76.26	247848	14.44	81.56
2		4204	17.15	93.42	232527	13.55	95.11
3		1350	5.51	98.93	69319	4.04	99.15
4		225	0.92	99.84	12245	0.71	99.86
5		30	0.12	99.97	2072	0.12	99.98
6		5	0.02	99.99	100	0.01	99.99
7		3	0.01	100.00	210	0.01	100.00
TOTAL		24507			1716645		
MEAN		0.71			0.57		

Variable name : npers>65 (Total number of persons of age 65 and over in household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		20259	82.67	82.67	1358473	79.14	79.14
1		2813	11.48	94.14	239165	13.93	93.07
2		1419	5.79	99.93	117532	6.85	99.91
3		15	0.06	100.00	1455	0.08	100.00
5		1	0.00	100.00	21	0.00	100.00
TOTAL		24507			1716645		
MEAN		0.23			0.28		

Variable name : nsch\_trps (Total number of school trips made by household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		17889	73.00	73.00	1296952	75.55	75.55
1		3786	15.45	88.44	248625	14.48	90.03
2		2064	8.42	96.87	125071	7.29	97.32
3		584	2.38	99.25	34615	2.02	99.34
4		145	0.59	99.84	8801	0.51	99.85
5		28	0.11	99.96	1821	0.11	99.96
6		8	0.03	99.99	336	0.02	99.98
7		3	0.01	100.00	424	0.02	100.00
TOTAL		24507			1716645		
MEAN		0.43			0.38		

Variable name : nwrk\_trps (Total number of work trips made by household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		6012	24.53	24.53	488490	28.46	28.46
1		7901	32.24	56.77	553445	32.24	60.70
2		6996	28.55	85.32	443752	25.85	86.55
3		2260	9.22	94.54	147354	8.58	95.13
4		832	3.39	97.94	51699	3.01	98.14
5		281	1.15	99.08	18238	1.06	99.20
6		111	0.45	99.53	6704	0.39	99.59
7		47	0.19	99.73	3046	0.18	99.77
8		32	0.13	99.86	1906	0.11	99.88
9		13	0.05	99.91	792	0.05	99.93
10		8	0.03	99.94	656	0.04	99.97
11		7	0.03	99.97	310	0.02	99.99
12		1	0.00	99.98	27	0.00	99.99
13		3	0.01	99.99	65	0.00	99.99
14		2	0.01	100.00	136	0.01	100.00
15		1	0.00	100.00	25	0.00	100.00
TOTAL		24507			1716646		
MEAN		1.43			1.33		

Variable name : nhm\_trps (Total number of home trips made by household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		1804	7.36	7.36	159515	9.29	9.29
1		4949	20.19	27.56	385775	22.47	31.76
2		6855	27.97	55.53	475249	27.68	59.45
3		4129	16.85	72.38	279736	16.30	75.75
4		3119	12.73	85.10	198838	11.58	87.33
5		1624	6.63	91.73	99998	5.83	93.15
6		943	3.85	95.58	57778	3.37	96.52
7		492	2.01	97.58	27404	1.60	98.12
8		304	1.24	98.82	15582	0.91	99.02
9		153	0.62	99.45	8605	0.50	99.52
10		66	0.27	99.72	4229	0.25	99.77
11		39	0.16	99.88	2214	0.13	99.90
12		11	0.04	99.92	546	0.03	99.93
13		10	0.04	99.96	824	0.05	99.98
14		4	0.02	99.98	80	0.00	99.98
15		2	0.01	99.99	45	0.00	99.99
17		3	0.01	100.00	227	0.01	100.00
TOTAL		24507			1716645		
MEAN		2.69			2.51		

Variable name : noth\_trps (Total number of other trips made by household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		7944	32.42	32.42	583036	33.96	33.96
1		5409	22.07	54.49	397378	23.15	57.11
2		4552	18.57	73.06	312063	18.18	75.29
3		2303	9.40	82.46	151457	8.82	84.11
4		1721	7.02	89.48	114558	6.67	90.79
5		907	3.70	93.18	59367	3.46	94.25
6		687	2.80	95.98	41507	2.42	96.66
7		336	1.37	97.36	17811	1.04	97.70

Total Number of Other Trips Made by Household (cont'd...)

8	237	0.97	98.32	15201	0.89	98.59
9	125	0.51	98.83	7915	0.46	99.05
10	94	0.38	99.22	5611	0.33	99.37
11	62	0.25	99.47	3439	0.20	99.57
12	42	0.17	99.64	2152	0.13	99.70
13	29	0.12	99.76	1331	0.08	99.78
14	19	0.08	99.84	1614	0.09	99.87
15	6	0.02	99.86	324	0.02	99.89
16	11	0.04	99.91	573	0.03	99.92
17	6	0.02	99.93	638	0.04	99.96
18	4	0.02	99.95	97	0.01	99.97
19	3	0.01	99.96	68	0.00	99.97
20	4	0.02	99.98	234	0.01	99.98
22	2	0.01	99.98	180	0.01	99.99
23	1	0.00	99.99	27	0.00	100.00
24	1	0.00	99.99	25	0.00	100.00
26	1	0.00	100.00	20	0.00	100.00
29	1	0.00	100.00	20	0.00	100.00
TOTAL	24507			1716645		
MEAN	1.87			1.75		



## CONTROL TOTALS FOR 1991 TTS VERSION 2.1

### PERSON TABULATIONS

The following tabulations are "Number of Persons" stratified by various categories. The # RECORDS" figures are the actual number of records in the TTS PERSON file. The "FREQUENCY" figures are the expanded results representing the universe. Minor differences in the expanded total are due to rounding errors.

Variable name : Hse\_Region (Regional municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	18549	25.57	25.57	2218974	46.91	46.91
2	Durham	8998	12.40	37.98	402612	8.51	55.42
3	York	14679	20.24	58.21	493309	10.43	65.85
4	Peel	12855	17.72	75.93	707261	14.95	80.80
5	Halton	4464	6.15	82.09	303288	6.41	87.21
6	Hamilton-Wentworth	6310	8.70	90.79	445307	9.41	96.62
7	Fringe	6683	9.21	100.00	159654	3.38	100.00
	TOTAL	72538			4730404		
	MEAN	3.29			2.67		

Variable name: Hse\_Mun (Area municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	2261	3.12	3.12	149881	3.17	3.17
2	PD2-Metro	1169	1.61	4.73	191293	4.04	7.21
3	PD3-Metro	1371	1.89	6.62	223850	4.73	11.94
4	PD4-Metro	1019	1.40	8.02	182419	3.86	15.80
5	PD5-Metro	1074	1.48	9.50	104948	2.22	18.02
6	PD6-Metro	1126	1.55	11.06	203854	4.31	22.33
7	PD7-Metro	561	0.77	11.83	52711	1.11	23.44
8	PD8-Metro	898	1.24	13.07	168350	3.56	27.00
9	PD9-Metro	805	1.11	14.18	81493	1.72	28.72
10	PD10-Metro	974	1.34	15.52	139514	2.95	31.67
11	PD11-Metro	1298	1.79	17.31	132144	2.79	34.47
12	PD12-Metro	408	0.56	17.87	72726	1.54	36.01
13	PD13-Metro	1318	1.82	19.69	192790	4.08	40.08
14	PD14-Metro	397	0.55	20.24	56120	1.19	41.27
15	PD15-Metro	1086	1.50	21.73	79686	1.68	42.95
16	PD16-Metro	2784	3.84	25.57	187196	3.96	46.91
17	Brock	80	0.11	25.68	9436	0.20	47.11
18	Uxbridge	707	0.97	26.66	14908	0.32	47.42
19	Scugog	164	0.23	26.88	19344	0.41	47.83
20	Pickering	1663	2.29	29.18	70526	1.49	49.32
21	Ajax	1751	2.41	31.59	54240	1.15	50.47
22	Whitby	1610	2.22	33.81	61953	1.31	51.78
23	Oshawa	1086	1.50	35.31	123111	2.60	54.38
24	Newcastle	1937	2.67	37.98	49092	1.04	55.42
25	Georgina	202	0.28	38.25	30502	0.64	56.06
26	East Gwillimbury	357	0.49	38.75	18167	0.38	56.45
27	Newmarket	507	0.70	39.45	44927	0.95	57.40
28	Aurora	1352	1.86	41.31	28233	0.60	58.00
29	Richmond Hill	2393	3.30	44.61	78233	1.65	59.65
30	Whitchurch-Stouffville	727	1.00	45.61	17986	0.38	60.03

Area Municipality of Household (cont'd...)

31 Markham	4003	5.52	51.13	144415	3.05	63.08
32 King	128	0.18	51.31	20540	0.43	63.52
33 Vaughan	5010	6.91	58.21	110305	2.33	65.85
34 Caledon	1231	1.70	59.91	33028	0.70	66.55
35 Brampton	5047	6.96	66.87	231088	4.89	71.43
36 Mississauga	6577	9.07	75.93	443145	9.37	80.80
37 Halton Hills	415	0.57	76.51	36782	0.78	81.58
38 Milton	178	0.25	76.75	29918	0.63	82.21
39 Oakville	1964	2.71	79.46	110381	2.33	84.54
40 Burlington	1907	2.63	82.09	126207	2.67	87.21
41 Flamorough	860	1.19	83.27	35193	0.74	87.96
42 Dundas	97	0.13	83.41	13968	0.30	88.25
43 Ancaster	553	0.76	84.17	20050	0.42	88.67
44 Glanbrook	61	0.08	84.25	11052	0.23	88.91
45 Stoney Creek	1529	2.11	86.36	48203	1.02	89.93
46 Hamilton	3210	4.43	90.79	316841	6.70	96.62
47 Durham fringe	1207	1.66	92.45	35513	0.75	97.38
48 York/Peel/Halton fri	3541	4.88	97.33	80274	1.70	99.07
49 Hamilton fringe	1935	2.67	100.00	43866	0.93	100.00

TOTAL	72538			4730404		
-------	-------	--	--	---------	--	--

Variable name : Dwel\_type (Dwelling unit type)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	House	60077	82.82	82.82	3590248	75.90	75.90
2	Apartment	12461	17.18	100.00	1140157	24.10	100.00

TOTAL	72538			4730404		
-------	-------	--	--	---------	--	--

Variable name : Week\_No (Weeks into the survey when trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	September 7, 1991	1237	1.71	1.71	96544	2.04	2.04
1	September 14, 1991	2568	3.54	5.25	197121	4.17	6.21
2	September 21, 1991	2309	3.18	8.43	136245	2.88	9.09
3	September 28, 1991	2776	3.83	12.26	163956	3.47	12.55
4	October 5, 1991	3646	5.03	17.28	210080	4.44	17.00
	October 12, 1991	3827	5.28	22.56	251378	5.31	22.31
6	October 19, 1991	5099	7.03	29.59	319554	6.76	29.06
7	October 26, 1991	6274	8.65	38.24	418165	8.84	37.90
8	November 2, 1991	6784	9.35	47.59	401870	8.50	46.40
9	November 9, 1991	6246	8.61	56.20	446256	9.43	55.83
10	November 16, 1991	7374	10.17	66.37	470638	9.95	65.78
11	November 23, 1991	6947	9.58	75.94	454851	9.62	75.40
12	November 30, 1991	6541	9.02	84.96	479097	10.13	85.53
13	December 7, 1991	6367	8.78	93.74	421582	8.91	94.44
14	December 14, 1991	4018	5.54	99.28	218966	4.63	99.07
15	December 21, 1991	21	0.03	99.31	1221	0.03	99.09
99	Don't know/Refused	504	0.69	100.00	42879	0.91	100.00

TOTAL	72538			4730404		
-------	-------	--	--	---------	--	--

Variable name : Trip\_Day (Day of week trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Monday	12143	16.74	16.74	771278	16.30	16.30
2	Tuesday	13433	18.52	35.26	910911	19.26	35.56
3	Wednesday	13008	17.93	53.19	868039	18.35	53.91
4	Thursday	18867	26.01	79.20	1213959	25.66	79.57
5	Friday	14564	20.08	99.28	921562	19.48	99.06
9	Don't know/Refused	523	0.72	100.00	44656	0.94	100.00
TOTAL		72538			4730404		

Variable name : pers\_num (Person number within household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1		24507	33.79	33.79	1716645	36.29	36.29
2		20723	28.57	62.35	1372947	29.02	65.31
3		13531	18.65	81.01	831709	17.58	82.90
4		9002	12.41	93.42	524899	11.10	93.99
5		3430	4.73	98.15	201627	4.26	98.25
6		964	1.33	99.47	58074	1.23	99.48
7		269	0.37	99.85	16610	0.35	99.83
8		89	0.12	99.97	6120	0.13	99.96
9		23	0.03	100.00	1772	0.04	100.00
TOTAL		72538			4730405		
MEAN		2.32			2.24		

Variable name : respon (Respondent status - household member who provided information)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
N	No	48031	66.21	66.21	3013759	63.71	63.71
Y	Yes	24507	33.79	100.00	1716645	36.29	100.00
TOTAL		72538			4730405		

Variable name : age (Age of person in years)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1		1924	2.65	2.65	111852	2.36	2.36
2		1290	1.78	4.43	79623	1.68	4.05
3		1238	1.71	6.14	67726	1.43	5.48
4		1202	1.66	7.79	65685	1.39	6.87
5		1136	1.57	9.36	61871	1.31	8.18
6		1171	1.61	10.97	65061	1.38	9.55
7		1161	1.60	12.58	61348	1.30	10.85
8		1134	1.56	14.14	59704	1.26	12.11
9		1055	1.45	15.59	61165	1.29	13.40
10		1257	1.73	17.33	68711	1.45	14.86
11		970	1.34	18.66	53621	1.13	15.99
12		981	1.35	20.02	56253	1.19	17.18
13		997	1.37	21.39	56647	1.20	18.38
14		989	1.36	22.75	55588	1.18	19.55
15		1012	1.40	24.15	57411	1.21	20.76
16		984	1.36	25.51	58705	1.24	22.01
17		968	1.33	26.84	57698	1.22	23.23

## Age of Person in Years (cont'd...)

18	1027	1.42	28.26	65352	1.38	24.61
19	821	1.13	29.39	55901	1.18	25.79
20	855	1.18	30.57	57819	1.22	27.01
21	892	1.23	31.80	65706	1.39	28.40
22	878	1.21	33.01	66190	1.40	29.80
23	875	1.21	34.21	60568	1.28	31.08
24	957	1.32	35.53	72889	1.54	32.62
25	1201	1.66	37.19	91420	1.93	34.55
26	1134	1.56	38.75	85572	1.81	36.36
27	1280	1.76	40.52	88819	1.88	38.24
28	1391	1.92	42.43	91684	1.94	40.18
29	1267	1.75	44.18	87453	1.85	42.03
30	1886	2.60	46.78	123788	2.62	44.64
31	1289	1.78	48.56	85015	1.80	46.44
32	1526	2.10	50.66	97911	2.07	48.51
33	1366	1.88	52.54	81982	1.73	50.24
34	1383	1.91	54.45	80947	1.71	51.96
35	1895	2.61	57.06	114110	2.41	54.37
36	1345	1.85	58.92	82085	1.74	56.10
37	1266	1.75	60.66	75159	1.59	57.69
38	1280	1.76	62.43	79446	1.68	59.37
39	1155	1.59	64.02	68301	1.44	60.81
40	1821	2.51	66.53	114284	2.42	63.23
41	954	1.32	67.84	54329	1.15	64.38
42	1232	1.70	69.54	73552	1.55	65.93
43	1112	1.53	71.08	66079	1.40	67.33
44	976	1.35	72.42	59908	1.27	68.60
45	1551	2.14	74.56	100338	2.12	70.72
46	827	1.14	75.70	52283	1.11	71.82
47	840	1.16	76.86	51210	1.08	72.91
48	849	1.17	78.03	53298	1.13	74.03
49	630	0.87	78.90	43604	0.92	74.95
50	1244	1.71	80.61	81591	1.72	76.68
51	603	0.83	81.44	39918	0.84	77.52
52	639	0.88	82.32	46003	0.97	78.50
53	555	0.77	83.09	41702	0.88	79.38
54	547	0.75	83.84	39573	0.84	80.21
55	891	1.23	85.07	67496	1.43	81.64
56	531	0.73	85.80	39287	0.83	82.47
57	503	0.69	86.50	39000	0.82	83.30
58	512	0.71	87.20	39550	0.84	84.13
59	443	0.61	87.81	34377	0.73	84.86
60	763	1.05	88.87	60814	1.29	86.14
61	401	0.55	89.42	29848	0.63	86.78
62	445	0.61	90.03	33278	0.70	87.48
63	416	0.57	90.60	33143	0.70	88.18
64	413	0.57	91.17	31450	0.66	88.84
65	862	1.19	92.36	72375	1.53	90.37
66	393	0.54	92.90	31963	0.68	91.05
67	458	0.63	93.54	37264	0.79	91.84
68	378	0.52	94.06	30503	0.64	92.48
69	285	0.39	94.45	25801	0.55	93.03
70	568	0.78	95.23	48709	1.03	94.06
71	291	0.40	95.63	22590	0.48	94.54
72	262	0.36	96.00	22147	0.47	95.00
73	206	0.28	96.28	18221	0.39	95.39
74	191	0.26	96.54	16448	0.35	95.74
75	259	0.36	96.90	22110	0.47	96.20
76	162	0.22	97.12	13049	0.28	96.48
77	177	0.24	97.37	14851	0.31	96.79



Age of Person in Years (cont'd...)

78	164	0.23	97.59	13175	0.28	97.07
79	134	0.18	97.78	11737	0.25	97.32
80	193	0.27	98.04	16383	0.35	97.67
81	103	0.14	98.19	9376	0.20	97.86
82	103	0.14	98.33	9713	0.21	98.07
83	97	0.13	98.46	7071	0.15	98.22
84	77	0.11	98.57	7429	0.16	98.38
85	91	0.13	98.69	7145	0.15	98.53
86	51	0.07	98.76	4213	0.09	98.62
87	27	0.04	98.80	2379	0.05	98.67
88	37	0.05	98.85	2460	0.05	98.72
89	24	0.03	98.88	1739	0.04	98.76
90	36	0.05	98.93	2784	0.06	98.81
91	21	0.03	98.96	2189	0.05	98.86
92	14	0.02	98.98	1535	0.03	98.89
93	9	0.01	99.00	1004	0.02	98.91
94	8	0.01	99.01	991	0.02	98.94
95	5	0.01	99.01	507	0.01	98.95
96	3	0.00	99.02	408	0.01	98.96
97	5	0.01	99.02	104	0.00	98.96
98	7	0.01	99.03	323	0.01	98.96
99 Don't know/Refused	701	0.97	100.00	49006	1.04	100.00
TOTAL		72538		4730406		
MEAN		33.22		35.23		

Variable name : sex (Gender of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	211	0.29	0.29	12604	0.27	0.27
F	Female	36339	50.10	50.39	2391893	50.56	50.83
M	Male	35988	49.61	100.00	2325907	49.17	100.00
TOTAL		72538			4730405		

Variable name : drv\_lic (Possession of a driver's license)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	69	0.10	0.10	5302	0.11	0.11
N	No	25786	35.55	35.64	1704572	36.03	36.15
Y	Yes	46683	64.36	100.00	3020531	63.85	100.00
TOTAL		72538			4730404		

Variable name : empl\_sta (Employment status)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	112	0.15	0.15	8240	0.17	0.17
F	Full time	29735	40.99	41.15	1949605	41.21	41.39
H	Work at home (f/t)	1601	2.21	43.35	97652	2.06	43.45
J	Work at home (p/t)	370	0.51	43.86	19714	0.42	43.87
O	Not employed	34706	47.85	91.71	2263604	47.85	91.72
P	Part time	6014	8.29	100.00	391588	8.28	100.00
TOTAL		72538			4730404		



Variable name : mun\_emp (Area municipality of person's place of employment)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not employed	34853	48.05	48.05	2273934	48.07	48.07
1	PD1-Metro	5172	7.13	55.18	417028	8.82	56.89
2	PD2-Metro	443	0.61	55.79	48019	1.02	57.90
3	PD3-Metro	781	1.08	56.87	67202	1.42	59.32
4	PD4-Metro	1030	1.42	58.29	97896	2.07	61.39
5	PD5-Metro	901	1.24	59.53	70541	1.49	62.88
6	PD6-Metro	397	0.55	60.07	42313	0.89	63.78
7	PD7-Metro	287	0.40	60.47	26497	0.56	64.34
8	PD8-Metro	827	1.14	61.61	74873	1.58	65.92
9	PD9-Metro	844	1.16	62.77	57730	1.22	67.14
10	PD10-Metro	1176	1.62	64.40	81244	1.72	68.86
11	PD11-Metro	927	1.28	65.67	66945	1.42	70.27
12	PD12-Metro	431	0.59	66.27	33984	0.72	70.99
13	PD13-Metro	1213	1.67	67.94	96697	2.04	73.04
14	PD14-Metro	119	0.16	68.10	10747	0.23	73.26
15	PD15-Metro	208	0.29	68.39	13624	0.29	73.55
16	PD16-Metro	1159	1.60	69.99	78516	1.66	75.21
17	Brock	35	0.05	70.04	2573	0.05	75.27
18	Uxbridge	135	0.19	70.22	5557	0.12	75.38
19	Scugog	54	0.07	70.30	4510	0.10	75.48
20	Pickering	523	0.72	71.02	26455	0.56	76.04
21	Ajax	347	0.48	71.50	15030	0.32	76.36
22	Whitby	433	0.60	72.09	21285	0.45	76.81
23	Oshawa	928	1.28	73.37	56431	1.19	78.00
24	Newcastle	393	0.54	73.91	12130	0.26	78.25
25	Georgina	52	0.07	73.99	6028	0.13	78.38
26	East Gwillimbury	61	0.08	74.07	2425	0.05	78.43
27	Newmarket	341	0.47	74.54	17344	0.37	78.80
28	Aurora	344	0.47	75.01	11199	0.24	79.04
29	Richmond Hill	676	0.93	75.95	27454	0.58	79.62
30	Whitchurch-Stouffville	189	0.26	76.21	6860	0.15	79.76
31	Markham	1744	2.40	78.61	91241	1.93	81.69
32	King	80	0.11	78.72	4894	0.10	81.79
33	Vaughan	1711	2.36	81.08	76054	1.61	83.40
34	Caledon	288	0.40	81.48	8354	0.18	83.58
35	Brampton	1745	2.41	83.88	89017	1.88	85.46
36	Mississauga	3888	5.36	89.24	247852	5.24	90.70
37	Halton Hills	152	0.21	89.45	9707	0.21	90.91
38	Milton	131	0.18	89.63	12265	0.26	91.16
39	Oakville	692	0.95	90.59	46973	0.99	92.16
40	Burlington	853	1.18	91.76	53109	1.12	93.28
41	Flamborough	153	0.21	91.97	6957	0.15	93.43
42	Dundas	57	0.08	92.05	3778	0.08	93.51
43	Ancaster	108	0.15	92.20	5612	0.12	93.63
44	Glanbrook	44	0.06	92.26	2503	0.05	93.68
45	Stoney Creek	309	0.43	92.69	15251	0.32	94.00
46	Hamilton	2233	3.08	95.77	150051	3.17	97.17
47	Durham fringe	297	0.41	96.18	10078	0.21	97.39
48	York/Peel/Halton frin	940	1.30	97.47	26324	0.56	97.94
49	Hamilton fringe	428	0.59	98.06	11305	0.24	98.18
50	External	276	0.38	98.44	11759	0.25	98.43
99	Don't know/Refused	1130	1.56	100.00	74246	1.57	100.00
TOTAL		72538			4730404		

Variable name : reg\_emp (Regional municipality of person's place of employment)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not employed	34853	48.05	48.05	2273934	48.07	48.07
1	Metro	15915	21.94	69.99	1283857	27.14	75.21
2	Durham	2848	3.93	73.91	143972	3.04	78.25
3	York	5198	7.17	81.08	243501	5.15	83.40
4	Peel	5921	8.16	89.24	345223	7.30	90.70
5	Halton	1828	2.52	91.76	122054	2.58	93.28
6	Hamilton-Wentworth	2904	4.00	95.77	184151	3.89	97.17
7	Fringe	1665	2.30	98.06	47707	1.01	98.18
8	External	276	0.38	98.44	11759	0.25	98.43
9	Don't know/Refused	1130	1.56	100.00	74246	1.57	100.00
TOTAL		72538			4730404		

Variable name : free\_park (Availability of free parking at person's place of work)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	345	0.48	0.48	28040	0.59	0.59
N	No	8022	11.06	11.53	620983	13.13	13.72
Y	Yes	29349	40.46	51.99	1808793	38.24	51.96
O	Not Employed	34822	48.01	100.00	2272588	48.04	100.00
TOTAL		72538			4730404		

Variable name : stu\_sta (Student status)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	73	0.10	0.10	5014	0.11	0.11
O	Not a student	53982	74.42	74.52	3598154	76.06	76.17
S	Part time	2383	3.29	77.80	171009	3.62	79.79
F	Full time	16100	22.20	100.00	956227	20.21	100.00
TOTAL		72538			4730405		

Variable name : reg\_sch (Regional municipality of person's place of school)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not applicable	54059	74.53	74.53	3603750	76.18	76.18
1	Metro	5885	8.11	82.64	556533	11.77	87.95
2	Durham	1975	2.72	85.36	87828	1.86	89.80
3	York	3077	4.24	89.60	104353	2.21	92.01
4	Peel	2975	4.10	93.70	150551	3.18	95.19
5	Halton	1097	1.51	95.22	68161	1.44	96.63
6	Hamilton-Wentworth	1682	2.32	97.54	101429	2.14	98.78
7	Fringe	1413	1.95	99.48	36707	0.78	99.55
8	External	349	0.48	99.96	19925	0.42	99.98
9	Don't know/Refused	26	0.04	100.00	1168	0.02	100.00
TOTAL		72538			4730404		

Variable name : mun\_sch (Area municipality of person's place of school)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not applicable	54059	74.53	74.53	3603750	76.18	76.18
1	PD1-Metro	1355	1.87	76.39	114846	2.43	78.61
2	PD2-Metro	189	0.26	76.65	26404	0.56	79.17
3	PD3-Metro	258	0.36	77.01	35386	0.75	79.92
4	PD4-Metro	334	0.46	77.47	39409	0.83	80.75
5	PD5-Metro	154	0.21	77.68	16739	0.35	81.10
6	PD6-Metro	229	0.32	78.00	34680	0.73	81.84
7	PD7-Metro	86	0.12	78.12	9378	0.20	82.04
8	PD8-Metro	194	0.27	78.38	27710	0.59	82.62
9	PD9-Metro	328	0.45	78.84	27783	0.59	83.21
10	PD10-Metro	812	1.12	79.96	64920	1.37	84.58
11	PD11-Metro	306	0.42	80.38	27100	0.57	85.15
12	PD12-Metro	245	0.34	80.71	21052	0.45	85.60
13	PD13-Metro	418	0.58	81.29	43286	0.92	86.51
14	PD14-Metro	96	0.13	81.42	12560	0.27	86.78
15	PD15-Metro	320	0.44	81.86	22062	0.47	87.25
16	PD16-Metro	561	0.77	82.64	33218	0.70	87.95
17	Brock	16	0.02	82.66	1607	0.03	87.98
18	Uxbridge	150	0.21	82.87	3536	0.07	88.06
19	Scugog	48	0.07	82.93	5421	0.11	88.17
20	Pickering	354	0.49	83.42	14682	0.31	88.48
21	Ajax	368	0.51	83.93	13425	0.28	88.77
22	Whitby	320	0.44	84.37	12101	0.26	89.02
23	Oshawa	374	0.52	84.89	28522	0.60	89.62
24	Newcastle	345	0.48	85.36	8534	0.18	89.80
25	Georgina	32	0.04	85.40	4832	0.10	89.91
26	East Gwillimbury	49	0.07	85.47	2531	0.05	89.96
27	Newmarket	188	0.26	85.73	12614	0.27	90.23
28	Aurora	262	0.36	86.09	6075	0.13	90.36
29	Richmond Hill	462	0.64	86.73	16334	0.35	90.70
30	Whitchurch-Stouffville	118	0.16	86.89	2915	0.06	90.76
31	Markham	921	1.27	88.16	32240	0.68	91.44
32	King	55	0.08	88.24	3433	0.07	91.52
33	Vaughan	990	1.36	89.60	23379	0.49	92.01
34	Caledon	177	0.24	89.85	5002	0.11	92.12
35	Brampton	1304	1.80	91.64	54438	1.15	93.27
36	Mississauga	1494	2.06	93.70	91110	1.93	95.19
37	Halton Hills	97	0.13	93.84	7295	0.15	95.35
38	Milton	55	0.08	93.91	8034	0.17	95.52
39	Oakville	522	0.72	94.63	28530	0.60	96.12
40	Burlington	423	0.58	95.22	24301	0.51	96.63
41	Flamborough	103	0.14	95.36	4807	0.10	96.74
42	Dundas	39	0.05	95.41	3104	0.07	96.80
43	Ancaster	100	0.14	95.55	4133	0.09	96.89
44	Glanbrook	10	0.01	95.56	1495	0.03	96.92
45	Stoney Creek	265	0.37	95.93	9030	0.19	97.11
46	Hamilton	1165	1.61	97.54	78861	1.67	98.78
47	Durham fringe	239	0.33	97.86	7107	0.15	98.93
48	York/Peel/Halton frin	822	1.13	99.00	20885	0.44	99.37
49	Hamilton fringe	352	0.49	99.48	8716	0.18	99.55
50	External	349	0.48	99.96	19925	0.42	99.98
99	Don't know/Refused	26	0.04	100.00	1168	0.02	100.00
TOTAL		72538			4730404		

Variable name : Psn\_trips (Total number of trips made by each individual the day before the interview date)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		22517	31.04	31.04	1428148	30.19	30.19
1		773	1.07	32.11	53419	1.13	31.32
2		26476	36.50	68.61	1775942	37.54	68.86
3		5060	6.98	75.58	351676	7.43	76.30
4		10162	14.01	89.59	643063	13.59	89.89
5		2784	3.84	93.43	181576	3.84	93.73
6		2336	3.22	96.65	148781	3.15	96.88
7		1010	1.39	98.04	64483	1.36	98.24
8		679	0.94	98.98	41202	0.87	99.11
9		272	0.37	99.35	14744	0.31	99.42
10		196	0.27	99.62	11887	0.25	99.67
11		108	0.15	99.77	6386	0.13	99.81
12		66	0.09	99.86	4010	0.08	99.89
13		39	0.05	99.92	2288	0.05	99.94
14		27	0.04	99.95	747	0.02	99.96
15		14	0.02	99.97	837	0.02	99.97
16		12	0.02	99.99	1054	0.02	100.00
17		4	0.01	100.00	94	0.00	100.00
19		1	0.00	100.00	20	0.00	100.00
20		1	0.00	100.00	20	0.00	100.00
22		1	0.00	100.00	27	0.00	100.00
TOTAL		72538			4730405		
MEAN		2.18			2.17		

Variable name : nwc\_trips (Total number of trips made by each individual the day before the interview date with primary mode being walk or bicycle)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		67908	93.62	93.62	4396954	92.95	92.95
1		942	1.30	94.92	70449	1.49	94.44
2		3064	4.22	99.14	218630	4.62	99.06
3		126	0.17	99.31	9832	0.21	99.27
4		445	0.61	99.93	29908	0.63	99.90
5		16	0.02	99.95	1131	0.02	99.93
6		29	0.04	99.99	2736	0.06	99.98
7		4	0.01	99.99	392	0.01	99.99
8		2	0.00	100.00	197	0.00	100.00
10		2	0.00	100.00	177	0.00	100.00
TOTAL		72538			4730405		
MEAN		0.13			0.14		



Variable name : ntr\_trips (Total number of trips made by individual the day before the interview date with primary mode being public transit)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		64959	89.55	89.55	4045424	85.52	85.52
1		1252	1.73	91.28	101063	2.14	87.66
2		5642	7.78	99.06	509468	10.77	98.43
3		403	0.56	99.61	42853	0.91	99.33
4		247	0.34	99.95	27509	0.58	99.91
5		28	0.04	99.99	3278	0.07	99.98
6		7	0.01	100.00	809	0.02	100.00
TOTAL		72538			4730405		
MEAN							

Variable name : nau\_trips (Total number of automobile trips made by each individual the day before the interview date with primary mode being an automobile and includes auto driver, auto passenger, motorcycle, taxi and other)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		32025	44.15	44.15	2179242	46.07	46.07
1		2226	3.07	47.22	157989	3.34	49.41
2		19332	26.65	73.87	1216841	25.72	75.13
3		4604	6.35	80.22	296621	6.27	81.40
4		7637	10.53	90.74	464260	9.81	91.22
5		2459	3.39	94.13	156035	3.30	94.52
6		2003	2.76	96.90	124930	2.64	97.16
7		925	1.28	98.17	58814	1.24	98.40
8		614	0.85	99.02	35687	0.75	99.15
9		256	0.35	99.37	13601	0.29	99.44
10		190	0.26	99.63	11068	0.23	99.68
11		107	0.15	99.78	6363	0.13	99.81
12		65	0.09	99.87	3975	0.08	99.89
13		37	0.05	99.92	2232	0.05	99.94
14		25	0.03	99.95	695	0.01	99.96
15		14	0.02	99.97	837	0.02	99.97
16		12	0.02	99.99	1054	0.02	100.00
17		4	0.01	100.00	94	0.00	100.00
18		1	0.00	100.00	20	0.00	100.00
20		1	0.00	100.00	20	0.00	100.00
22		1	0.00	100.00	27	0.00	100.00
TOTAL		72538			4730404		
MEAN		1.77			1.69		

Variable name : nsb\_trips (Total number of trips made by each individual with primary mode being a school bus)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		70168	96.73	96.73	4635682	98.00	98.00
1		337	0.46	97.20	14908	0.32	98.31
2		2027	2.79	99.99	79589	1.68	100.00
3		2	0.00	99.99	39	0.00	100.00
4		3	0.00	100.00	159	0.00	100.00
7		1	0.00	100.00	27	0.00	100.00
TOTAL		72538			4730404		
MEAN		0.06			0.04		



## CONTROL TOTALS FOR 1991 TTS VERSION 2.1

### TRIP TABULATIONS

The following tabulations are "Number of Trips" stratified by various categories. The "# RECORDS" figures are the actual number of records in the TTS TRIP files. The "FREQUENCY" figures are the expanded results representing the universe. Minor differences in the expanded totals are due to rounding errors.

Variable name : Hse\_Region (Regional municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	39159	24.89	24.89	4675385	45.71	45.71
2	Durham	19882	12.64	37.52	911924	8.92	54.63
3	York	32015	20.35	57.87	1076532	10.53	65.16
4	Peel	27818	17.68	75.55	1560315	15.26	80.41
5	Halton	10475	6.66	82.21	710859	6.95	87.36
6	Hamilton-Wentworth	13880	8.82	91.03	954161	9.33	96.69
7	Fringe	14120	8.97	100.00	338098	3.31	100.00
	TOTAL	157349			10227275		

Variable name : Hse\_Mun (Area municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	4909	3.12	3.12	319272	3.12	3.12
2	PD2-Metro	2222	1.41	4.53	363332	3.55	6.67
3	PD3-Metro	2603	1.65	6.19	428921	4.19	10.87
4	PD4-Metro	2243	1.43	7.61	400736	3.92	14.79
5	PD5-Metro	2532	1.61	9.22	245838	2.40	17.19
6	PD6-Metro	2434	1.55	10.77	440011	4.30	21.49
7	PD7-Metro	1145	0.73	11.50	108449	1.06	22.55
8	PD8-Metro	2036	1.29	12.79	381683	3.73	26.29
9	PD9-Metro	1498	0.95	13.74	159223	1.56	27.84
10	PD10-Metro	1984	1.26	15.00	274999	2.69	30.53
11	PD11-Metro	2795	1.78	16.78	284070	2.78	33.31
12	PD12-Metro	940	0.60	17.38	167555	1.64	34.95
13	PD13-Metro	2581	1.64	19.02	380336	3.72	38.67
14	PD14-Metro	887	0.56	19.58	126774	1.24	39.91
15	PD15-Metro	2471	1.57	21.15	179826	1.76	41.66
16	PD16-Metro	5879	3.74	24.89	414360	4.05	45.71
17	Brock	170	0.11	24.99	20052	0.20	45.91
18	Uxbridge	1457	0.93	25.92	31414	0.31	46.22
19	Scugog	351	0.22	26.14	41400	0.40	46.62
20	Pickering	3621	2.30	28.45	158517	1.55	48.17
21	Ajax	3831	2.43	30.88	122844	1.20	49.37
22	Whitby	3666	2.33	33.21	140914	1.38	50.75
23	Oshawa	2552	1.62	34.83	290187	2.84	53.59
24	Newcastle	4234	2.69	37.52	106596	1.04	54.63
25	Georgina	366	0.23	37.75	55266	0.54	55.17
26	East Gwillimbury	863	0.55	38.30	41897	0.41	55.58
27	Newmarket	1154	0.73	39.04	102113	1.00	56.58
28	Aurora	3258	2.07	41.11	67834	0.66	57.24
29	Richmond Hill	5311	3.38	44.48	175054	1.71	58.95
30	Whitchurch-Stouffvil	1653	1.05	45.53	40895	0.40	59.35
31	Markham	8736	5.55	51.09	323191	3.16	62.51

Area Municipality of Household (cont'd...)

32	King	263	0.17	51.25	42204	0.41	62.93
33	Vaughan	10411	6.62	57.87	228078	2.23	65.16
34	Caledon	2698	1.71	59.58	72387	0.71	65.87
35	Brampton	10784	6.85	66.44	491536	4.81	70.67
36	Mississauga	14336	9.11	75.55	996392	9.74	80.41
37	Halton Hills	972	0.62	76.17	77768	0.76	81.17
38	Milton	481	0.31	76.47	80846	0.79	81.96
39	Oakville	4364	2.77	79.24	253003	2.47	84.44
40	Burlington	4658	2.96	82.21	299242	2.93	87.36
41	Flamborough	1791	1.14	83.34	73928	0.72	88.09
42	Dundas	245	0.16	83.50	35280	0.34	88.43
43	Ancaster	1340	0.85	84.35	49582	0.48	88.92
44	Glanbrook	127	0.08	84.43	23010	0.22	89.14
45	Stoney Creek	3427	2.18	86.61	112807	1.10	90.25
46	Hamilton	6950	4.42	91.03	659554	6.45	96.69
47	Durham fringe	2501	1.59	92.62	74696	0.73	97.42
48	York/Peel/Halton fri	7468	4.75	97.36	169300	1.66	99.08
49	Hamilton fringe	4151	2.64	100.00	94103	0.92	100.00

TOTAL	157349				10227276		
-------	--------	--	--	--	----------	--	--

Variable name : Dwel\_type (Dwelling unit type)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	House	130247	82.78	82.78	7792535	76.19	76.19
2	Apartment	27102	17.22	100.00	2434741	23.81	100.00

TOTAL	157349				10227275		
-------	--------	--	--	--	----------	--	--

Variable name : Week\_No (Weeks into the survey when trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	September 7, 1991	2597	1.65	1.65	196028	1.92	1.92
1	September 14, 1991	5535	3.52	5.17	421236	4.12	6.04
2	September 21, 1991	5304	3.37	8.54	309092	3.02	9.06
3	September 28, 1991	6192	3.94	12.47	370228	3.62	12.68
4	October 5, 1991	8190	5.20	17.68	478434	4.68	17.36
5	October 12, 1991	8109	5.15	22.83	527719	5.16	22.52
6	October 19, 1991	10975	6.97	29.81	679156	6.64	29.16
7	October 26, 1991	13697	8.70	38.51	902421	8.82	37.98
8	November 2, 1991	14672	9.32	47.84	873624	8.54	46.52
9	November 9, 1991	13399	8.52	56.35	952787	9.32	55.84
10	November 16, 1991	16307	10.36	66.72	1058905	10.35	66.19
11	November 23, 1991	15342	9.75	76.47	1004254	9.82	76.01
12	November 30, 1991	13840	8.80	85.26	997266	9.75	85.76
13	December 7, 1991	13511	8.59	93.85	892887	8.73	94.49
14	December 14, 1991	8665	5.51	99.36	474159	4.64	99.13
15	December 21, 1991	51	0.03	99.39	2524	0.02	99.15
99	Don't know/Refused	963	0.61	100.00	86557	0.85	100.00

TOTAL	157349				10227275		
-------	--------	--	--	--	----------	--	--

Variable name : Trip\_Day (Day of week trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Monday	25518	16.22	16.22	1627661	15.91	15.91
2	Tuesday	28923	18.38	34.60	1972626	19.29	35.20
3	Wednesday	28128	17.88	52.48	1854569	18.13	53.34
4	Thursday	41158	26.16	78.63	2663667	26.04	79.38
5	Friday	32631	20.74	99.37	2020115	19.75	99.13
9	Don't know/Refused	991	0.63	100.00	88638	0.87	100.00
TOTAL		157349			10227275		

Variable name : pers\_num (Person number within the household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1		73517	46.72	46.72	4951164	48.41	48.41
2		50722	32.24	78.96	3223367	31.52	79.93
3		19454	12.36	91.32	1218644	11.92	91.84
4		9849	6.26	97.58	591066	5.78	97.62
5		2862	1.82	99.40	177785	1.74	99.36
6		708	0.45	99.85	47033	0.46	99.82
7		190	0.12	99.97	14215	0.14	99.96
8		37	0.02	99.99	2900	0.03	99.99
9		10	0.01	100.00	1102	0.01	100.00
TOTAL		157349			10227275		

Variable name : respon (Respondent status - household member who provided information)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
N	No	83832	53.28	53.28	5276111	51.59	51.59
Y	Yes	73517	46.72	100.00	4951164	48.41	100.00
TOTAL		157349			10227275		

Variable name : age (Age of person in years)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
11		2559	1.63	1.63	139288	1.36	1.36
12		2501	1.59	3.22	144019	1.41	2.77
13		2439	1.55	4.77	136518	1.33	4.10
14		2538	1.61	6.38	141656	1.39	5.49
15		2518	1.60	7.98	138117	1.35	6.84
16		2674	1.70	9.68	154623	1.51	8.35
17		2816	1.79	11.47	162181	1.59	9.94
18		2999	1.91	13.37	186106	1.82	11.76
19		2074	1.32	14.69	137642	1.35	13.10
20		2022	1.29	15.98	136008	1.33	14.43
21		2213	1.41	17.38	155878	1.52	15.96
22		2177	1.38	18.77	171628	1.68	17.64
23		2249	1.43	20.20	150071	1.47	19.10
24		2514	1.60	21.79	188447	1.84	20.95
25		2854	1.81	23.61	219178	2.14	23.09
26		3157	2.01	25.61	248287	2.43	25.52
27		3478	2.21	27.82	239791	2.34	27.86
28		3755	2.39	30.21	244109	2.39	30.25
29		3678	2.34	32.55	242574	2.37	32.62

## Age of Person in Years (cont'd...)

30	5016	3.19	35.74	322347	3.15	35.77
31	3695	2.35	38.08	241126	2.36	38.13
32	4358	2.77	40.85	280922	2.75	40.88
33	4187	2.66	43.52	243192	2.38	43.25
34	4183	2.66	46.17	238418	2.33	45.59
35	5427	3.45	49.62	311876	3.05	48.63
36	4065	2.58	52.21	243853	2.38	51.02
37	4097	2.60	54.81	231478	2.26	53.28
38	3969	2.52	57.33	234074	2.29	55.57
39	3624	2.30	59.64	209683	2.05	57.62
40	5388	3.42	63.06	328995	3.22	60.84
41	3020	1.92	64.98	169483	1.66	62.50
42	3801	2.42	67.39	219861	2.15	64.65
43	3428	2.18	69.57	204396	2.00	66.64
44	3024	1.92	71.50	187878	1.84	68.48
45	4353	2.77	74.26	285178	2.79	71.27
46	2307	1.47	75.73	144680	1.41	72.68
47	2370	1.51	77.23	148752	1.45	74.14
48	2466	1.57	78.80	152781	1.49	75.63
49	1800	1.14	79.95	124473	1.22	76.85
50	3158	2.01	81.95	193549	1.89	78.74
51	1569	1.00	82.95	100293	0.98	79.72
52	1702	1.08	84.03	116755	1.14	80.86
53	1383	0.88	84.91	102708	1.00	81.87
54	1365	0.87	85.78	100517	0.98	82.85
55	2110	1.34	87.12	159592	1.56	84.41
56	1291	0.82	87.94	98086	0.96	85.37
57	1153	0.73	88.67	85163	0.83	86.20
58	1206	0.77	89.44	95969	0.94	87.14
59	1011	0.64	90.08	74196	0.73	87.87
60	1550	0.99	91.07	126869	1.24	89.11
61	895	0.57	91.63	65837	0.64	89.75
62	991	0.63	92.26	73640	0.72	90.47
63	854	0.54	92.81	65460	0.64	91.11
64	875	0.56	93.36	70398	0.69	91.80
65	1482	0.94	94.31	123242	1.21	93.00
66	803	0.51	94.82	62618	0.61	93.62
67	862	0.55	95.36	66025	0.65	94.26
68	666	0.42	95.79	53118	0.52	94.78
69	554	0.35	96.14	48253	0.47	95.25
70	944	0.60	96.74	78367	0.77	96.02
71	546	0.35	97.09	40630	0.40	96.42
72	393	0.25	97.34	34081	0.33	96.75
73	337	0.21	97.55	29157	0.29	97.04
74	308	0.20	97.75	25463	0.25	97.28
75	364	0.23	97.98	32872	0.32	97.61
76	250	0.16	98.14	18433	0.18	97.79
77	229	0.15	98.28	17536	0.17	97.96
78	258	0.16	98.44	19950	0.20	98.15
79	198	0.13	98.57	19280	0.19	98.34
80	233	0.15	98.72	24033	0.23	98.58
81	124	0.08	98.80	12243	0.12	98.70
82	105	0.07	98.86	8921	0.09	98.78
83	91	0.06	98.92	6522	0.06	98.85
84	75	0.05	98.97	7679	0.08	98.92
85	71	0.05	99.01	5475	0.05	98.98
86	52	0.03	99.05	4660	0.05	99.02
87	35	0.02	99.07	1887	0.02	99.04
88	16	0.01	99.08	1064	0.01	99.05
89	14	0.01	99.09	1036	0.01	99.06



Age of Person in Years (cont'd...)

90	21	0.01	99.10	1542	0.02	99.08
91	4	0.00	99.11	456	0.00	99.08
92	8	0.01	99.11	1102	0.01	99.09
94	2	0.00	99.11	402	0.00	99.09
95	4	0.00	99.11	526	0.01	99.10
97	2	0.00	99.12	41	0.00	99.10
98	4	0.00	99.12	59	0.00	99.10
99 Don't know/Refused	1388	0.88	100.00	92010	0.90	100.00
TOTAL	157349			10227273		
MEAN	37.33			38.33		

Variable name : sex (Gender of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	No response	22	0.01	0.01	1774	0.02	0.02
F	Female	76675	48.73	48.74	4958947	48.49	48.50
M	Male	80652	51.26	100.00	5266555	51.50	100.00
TOTAL		157349			10227275		

Variable name : drv\_lic (Possession of a driver's license)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	17	0.01	0.01	1763	0.02	0.02
N	No	24798	15.76	15.77	1779993	17.40	17.42
Y	Yes	132534	84.23	100.00	8445520	82.58	100.00
TOTAL		157349			10227275		

Variable name : empl\_sta (Employment status of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	105	0.07	0.07	7853	0.08	0.08
F	Full time	88637	56.33	56.40	5721031	55.94	56.02
H	Work at home (f/t)	4080	2.59	58.99	245633	2.40	58.42
J	Work at home (p/t)	1140	0.72	59.72	60725	0.59	59.01
O	Not employed	44939	28.56	88.28	3025347	29.58	88.59
P	Part time	18448	11.72	100.00	1166687	11.41	100.00
TOTAL		157349			10227275		

Variable name : stu\_sta (Student status of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	28	0.02	0.02	1723	0.02	0.02
O	Not a student	122610	77.92	77.94	8035831	78.57	78.59
P	Part time	7550	4.80	82.74	533112	5.21	83.80
S	Full time	27161	17.26	100.00	1656609	16.20	100.00
TOTAL		157349			10227275		



Variable name : orig\_purp (Origin purpose of trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	7	0.00	0.00	286	0.00	0.00
D	Daycare	1031	0.66	0.66	54688	0.53	0.54
F	Serve passenger	6923	4.40	5.06	425136	4.16	4.69
H	Home	66998	42.58	47.64	4366709	42.70	47.39
L	Linked	37	0.02	47.66	1785	0.02	47.41
O	Other	37186	23.63	71.30	2469494	24.15	71.55
S	School	10445	6.64	77.93	651295	6.37	77.92
W	Work	34722	22.07	100.00	2257882	22.08	100.00
TOTAL		157349			10227275		

Variable name : orig\_mun (Area municipality of trip origin)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	10293	6.54	6.54	830837	8.12	8.12
2	PD2-Metro	2154	1.37	7.91	293211	2.87	10.99
3	PD3-Metro	2920	1.86	9.77	361663	3.54	14.53
4	PD4-Metro	3218	2.05	11.81	401054	3.92	18.45
5	PD5-Metro	2658	1.69	13.50	233843	2.29	20.73
6	PD6-Metro	2187	1.39	14.89	328172	3.21	23.94
7	PD7-Metro	981	0.62	15.51	93491	0.91	24.86
8	PD8-Metro	2775	1.76	17.28	364489	3.56	28.42
9	PD9-Metro	2264	1.44	18.72	188286	1.84	30.26
10	PD10-Metro	3221	2.05	20.76	305835	2.99	33.25
11	PD11-Metro	3593	2.28	23.05	304590	2.98	36.23
12	PD12-Metro	1415	0.90	23.95	155239	1.52	37.75
13	PD13-Metro	4046	2.57	26.52	430579	4.21	41.96
14	PD14-Metro	821	0.52	27.04	98463	0.96	42.92
15	PD15-Metro	1895	1.20	28.24	133266	1.30	44.23
16	PD16-Metro	5413	3.44	31.68	367378	3.59	47.82
17	Brock	202	0.13	31.81	18993	0.19	48.00
18	Uxbridge	1102	0.70	32.51	30475	0.30	48.30
19	Scugog	373	0.24	32.75	33448	0.33	48.63
20	Pickering	3164	2.01	34.76	147956	1.45	50.07
21	Ajax	2913	1.85	36.61	108727	1.06	51.14
22	Whitby	2993	1.90	38.51	127375	1.25	52.38
23	Oshawa	3593	2.28	40.80	281697	2.75	55.14
24	Newcastle	3004	1.91	42.71	81497	0.80	55.93
25	Georgina	285	0.18	42.89	36798	0.36	56.29
26	East Gwillimbury	531	0.34	43.22	26382	0.26	56.55
27	Newmarket	1773	1.13	44.35	109189	1.07	57.62
28	Aurora	2410	1.53	45.88	61680	0.60	58.22
29	Richmond Hill	4434	2.82	48.70	159758	1.56	59.78
30	Whitchurch-Stouffvil	1262	0.80	49.50	33687	0.33	60.11
31	Markham	8118	5.16	54.66	354075	3.46	63.58
32	King	344	0.22	54.88	27384	0.27	63.84
33	Vaughan	8436	5.36	60.24	254793	2.49	66.34
34	Caledon	1879	1.19	61.44	53878	0.53	66.86
35	Brampton	9654	6.14	67.57	452185	4.42	71.28
36	Mississauga	14747	9.37	76.94	994594	9.72	81.01
37	Halton Hills	939	0.60	77.54	62530	0.61	81.62
38	Milton	548	0.35	77.89	73307	0.72	82.34
39	Oakville	3948	2.51	80.40	245848	2.40	84.74
40	Burlington	4501	2.86	83.26	286571	2.80	87.54
41	Flamborough	1150	0.73	83.99	51931	0.51	88.05
42	Dundas	328	0.21	84.20	31313	0.31	88.36

Area Municipality of Trip Origin (cont'd...)

43	Ancaster	902	0.57	84.77	38257	0.37	88.73
44	Glanbrook	131	0.08	84.85	13167	0.13	88.86
45	Stoney Creek	2387	1.52	86.37	89911	0.88	89.74
46	Hamilton	8791	5.59	91.96	687473	6.72	96.46
47	Durham fringe	2073	1.32	93.28	68081	0.67	97.13
48	York/Peel/Halton fri	6184	3.93	97.21	154770	1.51	98.64
49	Hamilton fringe	3111	1.98	99.18	78728	0.77	99.41
50	External	1285	0.82	100.00	60423	0.59	100.00

TOTAL	157349	10227276
-------	--------	----------

Variable name : orig\_region (Regional municipality of trip origin)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	49854	31.68	31.68	4890394	47.82	47.82
2	Durham	17344	11.02	42.71	830169	8.12	55.93
3	York	27593	17.54	60.24	1063747	10.40	66.34
4	Peel	26280	16.70	76.94	1500657	14.67	81.01
5	Halton	9936	6.31	83.26	668256	6.53	87.54
6	Hamilton-Wentworth	13689	8.70	91.96	912052	8.92	96.46
7	Fringe	11368	7.22	99.18	301579	2.95	99.41
8	External	1285	0.82	100.00	60423	0.59	100.00

TOTAL	157349	10227275
-------	--------	----------

Variable name : start\_tim (Start time of trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
400		105	0.07	0.07	5875	0.06	0.06
401		2	0.00	0.07	308	0.00	0.06
405		28	0.02	0.09	1624	0.02	0.08
410		19	0.01	0.10	942	0.01	0.09
412		1	0.00	0.10	139	0.00	0.09
415		7	0.00	0.10	347	0.00	0.09
420		1	0.00	0.10	26	0.00	0.09
425		1	0.00	0.10	23	0.00	0.09
430		118	0.07	0.18	7131	0.07	0.16
440		3	0.00	0.18	72	0.00	0.16
445		28	0.02	0.20	1592	0.02	0.18
450		12	0.01	0.21	427	0.00	0.18
455		1	0.00	0.21	23	0.00	0.18
500		291	0.18	0.39	17304	0.17	0.35
505		1	0.00	0.39	23	0.00	0.35
510		11	0.01	0.40	682	0.01	0.36
515		61	0.04	0.44	4259	0.04	0.40
520		20	0.01	0.45	1503	0.01	0.41
530		563	0.36	0.81	34553	0.34	0.75
534		2	0.00	0.81	45	0.00	0.75
535		10	0.01	0.82	699	0.01	0.76
540		33	0.02	0.84	2191	0.02	0.78
545		202	0.13	0.97	13109	0.13	0.91
550		83	0.05	1.02	4838	0.05	0.96
553		1	0.00	1.02	25	0.00	0.96
555		27	0.02	1.04	1312	0.01	0.97
600		1454	0.92	1.96	91170	0.89	1.86
603		1	0.00	1.96	23	0.00	1.86
605		23	0.01	1.98	2015	0.02	1.88
608		1	0.00	1.98	21	0.00	1.88

Start Time of Trip (cont'd...)

610	103	0.07	2.04	6637	0.06	1.95
614	1	0.00	2.04	189	0.00	1.95
615	379	0.24	2.28	23276	0.23	2.17
620	201	0.13	2.41	12688	0.12	2.30
625	39	0.02	2.44	2391	0.02	2.32
630	2207	1.40	3.84	135901	1.33	3.65
635	42	0.03	3.87	2480	0.02	3.68
639	1	0.00	3.87	23	0.00	3.68
640	184	0.12	3.98	11772	0.12	3.79
641	1	0.00	3.98	24	0.00	3.79
645	825	0.52	4.51	51003	0.50	4.29
646	2	0.00	4.51	44	0.00	4.29
647	1	0.00	4.51	19	0.00	4.29
650	238	0.15	4.66	15454	0.15	4.44
652	2	0.00	4.66	50	0.00	4.44
655	73	0.05	4.71	4472	0.04	4.49
659	1	0.00	4.71	25	0.00	4.49
700	3678	2.34	7.05	233361	2.28	6.77
702	1	0.00	7.05	182	0.00	6.77
703	3	0.00	7.05	67	0.00	6.77
704	2	0.00	7.05	49	0.00	6.77
705	70	0.04	7.10	3868	0.04	6.81
706	1	0.00	7.10	181	0.00	6.81
707	2	0.00	7.10	41	0.00	6.81
708	1	0.00	7.10	201	0.00	6.81
709	1	0.00	7.10	211	0.00	6.81
710	267	0.17	7.27	18251	0.18	6.99
712	1	0.00	7.27	26	0.00	6.99
714	2	0.00	7.27	52	0.00	6.99
715	1035	0.66	7.93	63674	0.62	7.62
716	1	0.00	7.93	15	0.00	7.62
718	1	0.00	7.93	33	0.00	7.62
719	2	0.00	7.93	180	0.00	7.62
720	365	0.23	8.16	22902	0.22	7.84
725	98	0.06	8.22	6079	0.06	7.90
727	1	0.00	8.23	33	0.00	7.90
730	4292	2.73	10.95	280789	2.75	10.65
731	3	0.00	10.95	198	0.00	10.65
735	95	0.06	11.02	5390	0.05	10.70
736	1	0.00	11.02	21	0.00	10.70
737	1	0.00	11.02	26	0.00	10.70
738	1	0.00	11.02	21	0.00	10.70
739	1	0.00	11.02	16	0.00	10.70
740	394	0.25	11.27	26756	0.26	10.96
742	1	0.00	11.27	25	0.00	10.96
744	1	0.00	11.27	19	0.00	10.96
745	1793	1.14	12.41	110312	1.08	12.04
746	1	0.00	12.41	21	0.00	12.04
747	3	0.00	12.41	227	0.00	12.05
748	1	0.00	12.41	207	0.00	12.05
749	1	0.00	12.41	20	0.00	12.05
750	512	0.33	12.74	27193	0.27	12.31
751	2	0.00	12.74	58	0.00	12.31
755	192	0.12	12.86	11070	0.11	12.42
759	1	0.00	12.86	21	0.00	12.42
800	6709	4.26	17.13	433909	4.24	16.67
801	4	0.00	17.13	200	0.00	16.67
802	3	0.00	17.13	206	0.00	16.67
803	1	0.00	17.13	21	0.00	16.67
804	3	0.00	17.13	52	0.00	16.67

Start Time of Trip (cont'd...)

805	173	0.11	17.24	9375	0.09	16.76
806	4	0.00	17.25	226	0.00	16.76
807	1	0.00	17.25	20	0.00	16.76
808	2	0.00	17.25	340	0.00	16.77
810	552	0.35	17.60	32521	0.32	17.09
812	4	0.00	17.60	388	0.00	17.09
813	1	0.00	17.60	19	0.00	17.09
814	6	0.00	17.60	431	0.00	17.09
815	1781	1.13	18.74	110197	1.08	18.17
816	4	0.00	18.74	196	0.00	18.17
817	4	0.00	18.74	393	0.00	18.18
818	4	0.00	18.74	63	0.00	18.18
820	605	0.38	19.13	37389	0.37	18.54
822	1	0.00	19.13	25	0.00	18.54
824	1	0.00	19.13	24	0.00	18.54
825	176	0.11	19.24	10145	0.10	18.64
826	2	0.00	19.24	177	0.00	18.64
827	4	0.00	19.25	259	0.00	18.65
829	1	0.00	19.25	23	0.00	18.65
830	5020	3.19	22.44	327658	3.20	21.85
831	4	0.00	22.44	83	0.00	21.85
832	4	0.00	22.44	101	0.00	21.85
833	3	0.00	22.44	232	0.00	21.86
835	181	0.12	22.56	12598	0.12	21.98
837	1	0.00	22.56	23	0.00	21.98
840	380	0.24	22.80	22191	0.22	22.20
841	1	0.00	22.80	29	0.00	22.20
844	2	0.00	22.80	32	0.00	22.20
845	1255	0.80	23.60	86816	0.85	23.05
846	2	0.00	23.60	40	0.00	23.05
847	2	0.00	23.60	199	0.00	23.05
849	2	0.00	23.60	196	0.00	23.05
850	297	0.19	23.79	16178	0.16	23.21
855	113	0.07	23.86	7522	0.07	23.28
858	1	0.00	23.87	220	0.00	23.28
900	3223	2.05	25.91	215132	2.10	25.39
903	2	0.00	25.92	52	0.00	25.39
905	49	0.03	25.95	4214	0.04	25.43
910	96	0.06	26.01	6662	0.07	25.49
913	1	0.00	26.01	186	0.00	25.50
914	1	0.00	26.01	30	0.00	25.50
915	384	0.24	26.25	26657	0.26	25.76
920	79	0.05	26.30	4407	0.04	25.80
925	18	0.01	26.31	879	0.01	25.81
927	1	0.00	26.31	25	0.00	25.81
929	1	0.00	26.32	27	0.00	25.81
930	1518	0.96	27.28	98366	0.96	26.77
931	2	0.00	27.28	45	0.00	26.77
932	1	0.00	27.28	21	0.00	26.77
935	26	0.02	27.30	1681	0.02	26.79
936	1	0.00	27.30	26	0.00	26.79
939	1	0.00	27.30	24	0.00	26.79
940	32	0.02	27.32	2223	0.02	26.81
943	2	0.00	27.32	208	0.00	26.81
944	1	0.00	27.32	203	0.00	26.81
945	297	0.19	27.51	21671	0.21	27.03
950	52	0.03	27.54	3207	0.03	27.06
955	8	0.01	27.55	340	0.00	27.06
1000	2838	1.80	29.35	193421	1.89	28.95
1003	2	0.00	29.35	201	0.00	28.95



Start Time of Trip (cont'd...)

1005	15	0.01	29.36	742	0.01	28.96
1008	1	0.00	29.36	19	0.00	28.96
1010	52	0.03	29.40	3451	0.03	28.99
1015	272	0.17	29.57	19458	0.19	29.19
1017	1	0.00	29.57	27	0.00	29.19
1020	54	0.03	29.60	4587	0.04	29.23
1025	16	0.01	29.62	1091	0.01	29.24
1030	1499	0.95	30.57	105098	1.03	30.27
1031	1	0.00	30.57	160	0.00	30.27
1033	1	0.00	30.57	193	0.00	30.27
1035	15	0.01	30.58	881	0.01	30.28
1040	38	0.02	30.60	1825	0.02	30.30
1043	1	0.00	30.60	25	0.00	30.30
1045	270	0.17	30.77	17618	0.17	30.47
1046	1	0.00	30.78	26	0.00	30.47
1050	37	0.02	30.80	3618	0.04	30.51
1055	20	0.01	30.81	1373	0.01	30.52
1059	1	0.00	30.81	25	0.00	30.52
1100	2586	1.64	32.46	172389	1.69	32.21
1101	3	0.00	32.46	194	0.00	32.21
1102	1	0.00	32.46	157	0.00	32.21
1105	27	0.02	32.48	1897	0.02	32.23
1110	66	0.04	32.52	2977	0.03	32.26
1111	1	0.00	32.52	203	0.00	32.26
1112	1	0.00	32.52	26	0.00	32.26
1113	1	0.00	32.52	23	0.00	32.26
1114	1	0.00	32.52	25	0.00	32.26
1115	347	0.22	32.74	22175	0.22	32.48
1120	92	0.06	32.80	6409	0.06	32.54
1121	1	0.00	32.80	201	0.00	32.54
1125	24	0.02	32.81	1104	0.01	32.55
1129	1	0.00	32.82	19	0.00	32.55
1130	1649	1.05	33.86	111153	1.09	33.64
1131	2	0.00	33.86	37	0.00	33.64
1135	46	0.03	33.89	3511	0.03	33.67
1136	2	0.00	33.90	41	0.00	33.67
1137	1	0.00	33.90	132	0.00	33.68
1140	92	0.06	33.95	5880	0.06	33.73
1143	1	0.00	33.96	22	0.00	33.73
1145	512	0.33	34.28	31921	0.31	34.05
1150	111	0.07	34.35	7750	0.08	34.12
1155	55	0.03	34.39	3614	0.04	34.16
1157	1	0.00	34.39	181	0.00	34.16
1200	3310	2.10	36.49	223254	2.18	36.34
1201	25	0.02	36.51	1464	0.01	36.36
1202	1	0.00	36.51	23	0.00	36.36
1205	75	0.05	36.55	4782	0.05	36.40
1210	88	0.06	36.61	5928	0.06	36.46
1214	1	0.00	36.61	27	0.00	36.46
1215	331	0.21	36.82	22323	0.22	36.68
1220	101	0.06	36.89	6125	0.06	36.74
1222	3	0.00	36.89	197	0.00	36.74
1224	1	0.00	36.89	21	0.00	36.74
1225	26	0.02	36.90	1354	0.01	36.75
1227	1	0.00	36.91	203	0.00	36.76
1230	1644	1.04	37.95	107009	1.05	37.80
1231	2	0.00	37.95	172	0.00	37.80
1235	56	0.04	37.99	3196	0.03	37.84
1239	1	0.00	37.99	19	0.00	37.84
1240	131	0.08	38.07	8513	0.08	37.92



Start Time of Trip (cont'd...)

1243	1	0.00	38.07	229	0.00	37.92
1244	1	0.00	38.07	23	0.00	37.92
1245	486	0.31	38.38	32918	0.32	38.24
1248	1	0.00	38.38	26	0.00	38.24
1250	143	0.09	38.47	9604	0.09	38.34
1255	54	0.03	38.51	2970	0.03	38.37
1257	1	0.00	38.51	25	0.00	38.37
1300	3173	2.02	40.52	213376	2.09	40.45
1301	2	0.00	40.53	217	0.00	40.45
1302	2	0.00	40.53	40	0.00	40.46
1303	1	0.00	40.53	197	0.00	40.46
1305	42	0.03	40.55	2765	0.03	40.48
1307	1	0.00	40.55	189	0.00	40.49
1308	1	0.00	40.56	27	0.00	40.49
1309	1	0.00	40.56	23	0.00	40.49
1310	100	0.06	40.62	7352	0.07	40.56
1313	3	0.00	40.62	390	0.00	40.56
1314	1	0.00	40.62	164	0.00	40.56
1315	377	0.24	40.86	25687	0.25	40.81
1318	1	0.00	40.86	183	0.00	40.82
1320	89	0.06	40.92	7206	0.07	40.89
1322	1	0.00	40.92	31	0.00	40.89
1323	1	0.00	40.92	178	0.00	40.89
1325	19	0.01	40.93	1044	0.01	40.90
1330	1585	1.01	41.94	106538	1.04	41.94
1331	2	0.00	41.94	237	0.00	41.94
1335	25	0.02	41.96	2653	0.03	41.97
1336	2	0.00	41.96	192	0.00	41.97
1337	2	0.00	41.96	175	0.00	41.97
1340	69	0.04	42.00	5372	0.05	42.03
1345	310	0.20	42.20	19070	0.19	42.21
1348	1	0.00	42.20	25	0.00	42.21
1350	57	0.04	42.24	3456	0.03	42.25
1355	13	0.01	42.24	876	0.01	42.25
1400	3017	1.92	44.16	206260	2.02	44.27
1402	1	0.00	44.16	177	0.00	44.27
1405	30	0.02	44.18	2392	0.02	44.30
1410	65	0.04	44.22	4067	0.04	44.34
1412	1	0.00	44.22	160	0.00	44.34
1414	1	0.00	44.22	24	0.00	44.34
1415	295	0.19	44.41	17890	0.17	44.51
1416	2	0.00	44.41	42	0.00	44.51
1420	74	0.05	44.46	4433	0.04	44.56
1425	18	0.01	44.47	1815	0.02	44.57
1430	2019	1.28	45.75	135535	1.33	45.90
1431	2	0.00	45.76	41	0.00	45.90
1433	1	0.00	45.76	24	0.00	45.90
1435	38	0.02	45.78	2496	0.02	45.92
1438	1	0.00	45.78	23	0.00	45.93
1440	80	0.05	45.83	4978	0.05	45.97
1441	1	0.00	45.83	24	0.00	45.97
1445	485	0.31	46.14	29839	0.29	46.27
1447	1	0.00	46.14	197	0.00	46.27
1448	1	0.00	46.14	174	0.00	46.27
1450	127	0.08	46.22	9237	0.09	46.36
1453	3	0.00	46.23	226	0.00	46.36
1455	29	0.02	46.24	1793	0.02	46.38
1456	1	0.00	46.24	173	0.00	46.38
1459	1	0.00	46.24	197	0.00	46.38
1500	4407	2.80	49.05	290955	2.84	49.23

Start Time of Trip (cont'd...)

1501	5	0.00	49.05	379	0.00	49.23
1504	2	0.00	49.05	224	0.00	49.23
1505	108	0.07	49.12	5863	0.06	49.29
1506	1	0.00	49.12	26	0.00	49.29
1507	1	0.00	49.12	160	0.00	49.29
1508	1	0.00	49.12	18	0.00	49.29
1510	251	0.16	49.28	15376	0.15	49.44
1511	1	0.00	49.28	19	0.00	49.44
1512	1	0.00	49.28	24	0.00	49.44
1513	2	0.00	49.28	37	0.00	49.44
1514	5	0.00	49.29	104	0.00	49.45
1515	1185	0.75	50.04	71503	0.70	50.14
1516	5	0.00	50.04	359	0.00	50.15
1518	1	0.00	50.04	25	0.00	50.15
1519	1	0.00	50.04	22	0.00	50.15
1520	390	0.25	50.29	23278	0.23	50.38
1525	111	0.07	50.36	6995	0.07	50.44
1530	6059	3.85	54.21	383463	3.75	54.19
1531	5	0.00	54.22	331	0.00	54.20
1533	1	0.00	54.22	21	0.00	54.20
1534	3	0.00	54.22	564	0.01	54.20
1535	151	0.10	54.31	9188	0.09	54.29
1536	1	0.00	54.31	22	0.00	54.29
1539	1	0.00	54.32	21	0.00	54.29
1540	275	0.17	54.49	15039	0.15	54.44
1542	2	0.00	54.49	48	0.00	54.44
1544	1	0.00	54.49	23	0.00	54.44
1545	1054	0.67	55.16	66074	0.65	55.09
1550	164	0.10	55.27	10241	0.10	55.19
1555	66	0.04	55.31	3973	0.04	55.23
1559	1	0.00	55.31	21	0.00	55.23
1600	6459	4.10	59.41	423255	4.14	59.36
1601	3	0.00	59.42	264	0.00	59.37
1604	2	0.00	59.42	39	0.00	59.37
1605	71	0.05	59.46	4629	0.05	59.41
1610	222	0.14	59.60	12942	0.13	59.54
1611	1	0.00	59.60	23	0.00	59.54
1613	1	0.00	59.60	23	0.00	59.54
1614	1	0.00	59.61	26	0.00	59.54
1615	843	0.54	60.14	54951	0.54	60.08
1616	1	0.00	60.14	27	0.00	60.08
1620	220	0.14	60.28	11421	0.11	60.19
1624	1	0.00	60.28	26	0.00	60.19
1625	54	0.03	60.32	2802	0.03	60.22
1626	1	0.00	60.32	23	0.00	60.22
1627	1	0.00	60.32	32	0.00	60.22
1630	5316	3.38	63.70	340394	3.33	63.55
1631	7	0.00	63.70	749	0.01	63.55
1633	3	0.00	63.70	233	0.00	63.56
1634	1	0.00	63.70	21	0.00	63.56
1635	94	0.06	63.76	5925	0.06	63.61
1637	1	0.00	63.76	160	0.00	63.61
1640	169	0.11	63.87	7731	0.08	63.69
1641	1	0.00	63.87	160	0.00	63.69
1643	1	0.00	63.87	15	0.00	63.69
1645	979	0.62	64.49	61292	0.60	64.29
1646	2	0.00	64.50	69	0.00	64.29
1649	1	0.00	64.50	27	0.00	64.29
1650	201	0.13	64.62	11515	0.11	64.41
1655	66	0.04	64.67	4125	0.04	64.45

Start Time of Trip (cont'd...)

1700	7464	4.74	69.41	493945	4.83	69.28
1702	3	0.00	69.41	413	0.00	69.28
1703	1	0.00	69.41	26	0.00	69.28
1705	114	0.07	69.48	6420	0.06	69.34
1710	242	0.15	69.64	13997	0.14	69.48
1711	5	0.00	69.64	126	0.00	69.48
1713	3	0.00	69.64	73	0.00	69.48
1715	961	0.61	70.25	64906	0.63	70.12
1716	4	0.00	70.26	82	0.00	70.12
1717	1	0.00	70.26	22	0.00	70.12
1718	1	0.00	70.26	15	0.00	70.12
1719	2	0.00	70.26	239	0.00	70.12
1720	244	0.16	70.41	14895	0.15	70.26
1722	1	0.00	70.41	20	0.00	70.26
1725	55	0.03	70.45	4314	0.04	70.31
1730	4304	2.74	73.19	275387	2.69	73.00
1731	7	0.00	73.19	575	0.01	73.01
1733	1	0.00	73.19	176	0.00	73.01
1734	1	0.00	73.19	23	0.00	73.01
1735	62	0.04	73.23	4809	0.05	73.05
1737	1	0.00	73.23	20	0.00	73.05
1739	2	0.00	73.23	395	0.00	73.06
1740	131	0.08	73.32	8507	0.08	73.14
1743	1	0.00	73.32	178	0.00	73.14
1745	841	0.53	73.85	54329	0.53	73.67
1746	1	0.00	73.85	22	0.00	73.67
1750	154	0.10	73.95	9349	0.09	73.77
1755	46	0.03	73.98	2611	0.03	73.79
1756	2	0.00	73.98	49	0.00	73.79
1759	1	0.00	73.98	23	0.00	73.79
1800	5183	3.29	77.27	344204	3.37	77.16
1801	2	0.00	77.28	50	0.00	77.16
1804	2	0.00	77.28	46	0.00	77.16
1805	75	0.05	77.32	3615	0.04	77.19
1806	1	0.00	77.32	23	0.00	77.19
1810	170	0.11	77.43	11238	0.11	77.30
1812	1	0.00	77.43	26	0.00	77.30
1813	3	0.00	77.44	69	0.00	77.31
1814	1	0.00	77.44	31	0.00	77.31
1815	757	0.48	77.92	44928	0.44	77.74
1816	3	0.00	77.92	49	0.00	77.75
1817	1	0.00	77.92	23	0.00	77.75
1820	179	0.11	78.03	11446	0.11	77.86
1822	1	0.00	78.03	168	0.00	77.86
1825	50	0.03	78.07	3310	0.03	77.89
1830	3432	2.18	80.25	219015	2.14	80.03
1831	3	0.00	80.25	362	0.00	80.04
1835	51	0.03	80.28	2946	0.03	80.07
1837	1	0.00	80.28	27	0.00	80.07
1839	2	0.00	80.28	45	0.00	80.07
1840	127	0.08	80.36	8551	0.08	80.15
1841	1	0.00	80.36	128	0.00	80.15
1845	812	0.52	80.88	54341	0.53	80.68
1846	4	0.00	80.88	377	0.00	80.69
1849	1	0.00	80.88	168	0.00	80.69
1850	159	0.10	80.98	11631	0.11	80.80
1851	2	0.00	80.99	47	0.00	80.80
1853	2	0.00	80.99	52	0.00	80.80
1854	2	0.00	80.99	38	0.00	80.80
1855	54	0.03	81.02	3560	0.03	80.84

Start Time of Trip (cont'd...)

1900	4495	2.86	83.88	293967	2.87	83.71
1901	1	0.00	83.88	165	0.00	83.71
1903	1	0.00	83.88	160	0.00	83.72
1905	49	0.03	83.91	2516	0.02	83.74
1908	2	0.00	83.91	52	0.00	83.74
1910	168	0.11	84.02	9043	0.09	83.83
1911	2	0.00	84.02	57	0.00	83.83
1915	659	0.42	84.44	41943	0.41	84.24
1916	2	0.00	84.44	39	0.00	84.24
1920	167	0.11	84.55	11173	0.11	84.35
1925	25	0.02	84.56	1572	0.02	84.36
1930	2931	1.86	86.43	192741	1.88	86.25
1931	1	0.00	86.43	24	0.00	86.25
1935	58	0.04	86.46	4667	0.05	86.29
1937	1	0.00	86.46	23	0.00	86.29
1940	114	0.07	86.54	7273	0.07	86.37
1943	1	0.00	86.54	19	0.00	86.37
1945	493	0.31	86.85	32123	0.31	86.68
1950	85	0.05	86.90	4823	0.05	86.73
1951	1	0.00	86.91	23	0.00	86.73
1955	28	0.02	86.92	1415	0.01	86.74
2000	2865	1.82	88.74	179251	1.75	88.49
2001	1	0.00	88.74	25	0.00	88.49
2003	1	0.00	88.75	189	0.00	88.50
2005	47	0.03	88.78	2925	0.03	88.52
2006	1	0.00	88.78	23	0.00	88.53
2010	120	0.08	88.85	7000	0.07	88.59
2011	2	0.00	88.85	49	0.00	88.59
2013	1	0.00	88.85	20	0.00	88.59
2014	2	0.00	88.86	59	0.00	88.59
2015	376	0.24	89.09	23198	0.23	88.82
2016	3	0.00	89.10	45	0.00	88.82
2017	1	0.00	89.10	19	0.00	88.82
2020	87	0.06	89.15	3908	0.04	88.86
2023	3	0.00	89.15	69	0.00	88.86
2025	24	0.02	89.17	1253	0.01	88.87
2030	2168	1.38	90.55	144726	1.42	90.29
2031	1	0.00	90.55	24	0.00	90.29
2032	1	0.00	90.55	207	0.00	90.29
2035	40	0.03	90.57	2486	0.02	90.32
2039	2	0.00	90.58	54	0.00	90.32
2040	100	0.06	90.64	7244	0.07	90.39
2042	1	0.00	90.64	207	0.00	90.39
2045	442	0.28	90.92	26161	0.26	90.64
2046	1	0.00	90.92	25	0.00	90.64
2050	85	0.05	90.97	5222	0.05	90.70
2054	1	0.00	90.98	156	0.00	90.70
2055	25	0.02	90.99	834	0.01	90.71
2100	2827	1.80	92.79	186870	1.83	92.53
2101	1	0.00	92.79	22	0.00	92.53
2105	45	0.03	92.82	3124	0.03	92.56
2108	3	0.00	92.82	60	0.00	92.56
2110	101	0.06	92.88	7725	0.08	92.64
2115	405	0.26	93.14	24654	0.24	92.88
2120	84	0.05	93.19	4355	0.04	92.92
2125	11	0.01	93.20	565	0.01	92.93
2130	1836	1.17	94.37	121159	1.18	94.11
2131	1	0.00	94.37	21	0.00	94.11
2135	21	0.01	94.38	1262	0.01	94.13
2140	51	0.03	94.41	3603	0.04	94.16



Start Time of Trip (cont'd...)

2143	2	0.00	94.42	296	0.00	94.16
2145	336	0.21	94.63	23167	0.23	94.39
2150	44	0.03	94.66	3487	0.03	94.42
2155	11	0.01	94.66	534	0.01	94.43
2156	1	0.00	94.66	20	0.00	94.43
2200	1918	1.22	95.88	126692	1.24	95.67
2205	22	0.01	95.90	691	0.01	95.68
2210	51	0.03	95.93	3174	0.03	95.71
2213	1	0.00	95.93	20	0.00	95.71
2215	189	0.12	96.05	12215	0.12	95.83
2216	1	0.00	96.05	20	0.00	95.83
2220	48	0.03	96.08	4611	0.05	95.87
2225	9	0.01	96.09	336	0.00	95.87
2230	1140	0.72	96.81	82271	0.80	96.68
2231	2	0.00	96.81	38	0.00	96.68
2235	16	0.01	96.82	636	0.01	96.69
2240	28	0.02	96.84	1798	0.02	96.70
2245	154	0.10	96.94	9713	0.09	96.80
2250	22	0.01	96.95	1127	0.01	96.81
2255	6	0.00	96.96	131	0.00	96.81
2259	2	0.00	96.96	38	0.00	96.81
2300	1338	0.85	97.81	86054	0.84	97.65
2301	1	0.00	97.81	27	0.00	97.65
2304	2	0.00	97.81	47	0.00	97.65
2305	12	0.01	97.82	863	0.01	97.66
2310	31	0.02	97.84	2525	0.02	97.69
2315	138	0.09	97.93	9080	0.09	97.77
2320	32	0.02	97.95	1744	0.02	97.79
2325	3	0.00	97.95	245	0.00	97.79
2330	736	0.47	98.42	53168	0.52	98.31
2331	1	0.00	98.42	183	0.00	98.32
2333	1	0.00	98.42	170	0.00	98.32
2334	1	0.00	98.42	21	0.00	98.32
2335	8	0.01	98.42	390	0.00	98.32
2340	25	0.02	98.44	1296	0.01	98.33
2343	1	0.00	98.44	16	0.00	98.33
2345	106	0.07	98.51	6798	0.07	98.40
2348	1	0.00	98.51	23	0.00	98.40
2349	1	0.00	98.51	184	0.00	98.40
2350	22	0.01	98.52	848	0.01	98.41
2355	15	0.01	98.53	994	0.01	98.42
2358	1	0.00	98.53	45	0.00	98.42
2359	2	0.00	98.53	156	0.00	98.42
2400	756	0.48	99.01	53794	0.53	98.95
2401	3	0.00	99.02	460	0.00	98.95
2405	7	0.00	99.02	488	0.00	98.96
2410	16	0.01	99.03	597	0.01	98.96
2415	43	0.03	99.06	3265	0.03	99.00
2420	11	0.01	99.06	915	0.01	99.00
2425	1	0.00	99.07	148	0.00	99.01
2430	293	0.19	99.25	19933	0.19	99.20
2431	1	0.00	99.25	197	0.00	99.20
2435	6	0.00	99.26	584	0.01	99.21
2439	1	0.00	99.26	23	0.00	99.21
2440	2	0.00	99.26	40	0.00	99.21
2445	36	0.02	99.28	2484	0.02	99.23
2450	3	0.00	99.28	54	0.00	99.23
2455	4	0.00	99.29	355	0.00	99.24
2500	369	0.23	99.52	26284	0.26	99.49
2510	2	0.00	99.52	44	0.00	99.50



Start Time of Trip (cont'd...)

2515	35	0.02	99.54	2599	0.03	99.52
2520	5	0.00	99.55	403	0.00	99.52
2530	183	0.12	99.66	12564	0.12	99.65
2531	1	0.00	99.66	22	0.00	99.65
2540	2	0.00	99.66	47	0.00	99.65
2545	18	0.01	99.68	1176	0.01	99.66
2550	1	0.00	99.68	184	0.00	99.66
2600	202	0.13	99.80	14395	0.14	99.80
2610	1	0.00	99.81	170	0.00	99.80
2615	17	0.01	99.82	799	0.01	99.81
2625	3	0.00	99.82	90	0.00	99.81
2630	93	0.06	99.88	6309	0.06	99.87
2640	2	0.00	99.88	195	0.00	99.88
2645	8	0.01	99.88	714	0.01	99.88
2700	90	0.06	99.94	6387	0.06	99.95
2701	1	0.00	99.94	23	0.00	99.95
2705	1	0.00	99.94	23	0.00	99.95
2715	4	0.00	99.94	256	0.00	99.95
2730	34	0.02	99.97	1864	0.02	99.97
2740	3	0.00	99.97	372	0.00	99.97
2745	3	0.00	99.97	204	0.00	99.97
2755	2	0.00	99.97	141	0.00	99.97
2759	7	0.00	99.98	342	0.00	99.98
2800	38	0.02	100.00	2352	0.02	100.00

TOTAL 157349 10227278

Variable name : dest\_purp (Destination purpose of trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know	7	0.00	0.00	286	0.00	0.00
C	Second school	694	0.44	0.45	43385	0.42	0.43
D	Daycare	1032	0.66	1.10	54713	0.53	0.96
F	Serve passenger	6976	4.43	5.53	428275	4.19	5.15
H	Home	66041	41.97	47.51	4300981	42.05	47.20
L	Linked	37	0.02	47.53	1785	0.02	47.22
O	Other	37776	24.01	71.54	2510980	24.55	71.77
R	Second work	5477	3.48	75.02	338722	3.31	75.08
S	First school	9761	6.20	81.22	608524	5.95	81.03
W	First work	29548	18.78	100.00	1939625	18.97	100.00

TOTAL 157349 10227276

Variable name : dest\_mun (Area municipality of trip destination)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	10309	6.55	6.55	832889	8.14	8.14
2	PD2-Metro	2152	1.37	7.92	292577	2.86	11.00
3	PD3-Metro	2922	1.86	9.78	361922	3.54	14.54
4	PD4-Metro	3226	2.05	11.83	400307	3.91	18.46
5	PD5-Metro	2661	1.69	13.52	233822	2.29	20.74
6	PD6-Metro	2184	1.39	14.91	326416	3.19	23.94
7	PD7-Metro	978	0.62	15.53	92758	0.91	24.84
8	PD8-Metro	2787	1.77	17.30	365023	3.57	28.41
9	PD9-Metro	2272	1.44	18.74	188713	1.85	30.26
10	PD10-Metro	3228	2.05	20.79	305979	2.99	33.25
11	PD11-Metro	3603	2.29	23.08	305092	2.98	36.23
12	PD12-Metro	1419	0.90	23.99	155509	1.52	37.75

Area Municipality of Trip Destination (cont'd...)

13	PD13-Metro	4059	2.58	26.57	430764	4.21	41.96
14	PD14-Metro	826	0.52	27.09	98226	0.96	42.92
15	PD15-Metro	1894	1.20	28.29	132858	1.30	44.22
16	PD16-Metro	5401	3.43	31.73	366823	3.59	47.81
17	Brock	202	0.13	31.85	18902	0.18	47.99
18	Uxbridge	1105	0.70	32.56	30514	0.30	48.29
19	Scugog	360	0.23	32.79	31953	0.31	48.61
20	Pickering	3159	2.01	34.79	148295	1.45	50.06
21	Ajax	2902	1.84	36.64	107712	1.05	51.11
22	Whitby	2985	1.90	38.53	126780	1.24	52.35
23	Oshawa	3590	2.28	40.82	280368	2.74	55.09
24	Newcastle	3009	1.91	42.73	81726	0.80	55.89
25	Georgina	281	0.18	42.91	36313	0.36	56.24
26	East Gwillimbury	524	0.33	43.24	25696	0.25	56.50
27	Newmarket	1771	1.13	44.37	108880	1.06	57.56
28	Aurora	2393	1.52	45.89	61325	0.60	58.16
29	Richmond Hill	4417	2.81	48.69	159274	1.56	59.72
30	Whitchurch-Stouffvil	1260	0.80	49.49	33783	0.33	60.05
31	Markham	8112	5.16	54.65	355237	3.47	63.52
32	King	342	0.22	54.87	27337	0.27	63.79
33	Vaughan	8427	5.36	60.22	255461	2.50	66.29
34	Caledon	1860	1.18	61.40	53166	0.52	66.81
35	Brampton	9659	6.14	67.54	452687	4.43	71.23
36	Mississauga	14701	9.34	76.89	990569	9.69	80.92
37	Halton Hills	940	0.60	77.48	63088	0.62	81.53
38	Milton	549	0.35	77.83	73181	0.72	82.25
39	Oakville	3935	2.50	80.33	246476	2.41	84.66
40	Burlington	4479	2.85	83.18	283514	2.77	87.43
41	Flamborough	1146	0.73	83.91	51799	0.51	87.94
42	Dundas	333	0.21	84.12	31715	0.31	88.25
43	Ancaster	900	0.57	84.69	38483	0.38	88.62
44	Glanbrook	134	0.09	84.78	13515	0.13	88.76
45	Stoney Creek	2367	1.50	86.28	89076	0.87	89.63
46	Hamilton	8796	5.59	91.87	686538	6.71	96.34
47	Durham fringe	2080	1.32	93.19	68870	0.67	97.01
48	York/Peel/Halton fri	6168	3.92	97.11	155368	1.52	98.53
49	Hamilton fringe	3110	1.98	99.09	78704	0.77	99.30
50	External	1424	0.90	99.99	70705	0.69	99.99
99	Don't know/Refused	8	0.01	100.00	588	0.01	100.00
TOTAL		157349			10227275		

Variable name : dest\_region (Regional municipality of trip destination)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	49921	31.73	31.73	4889676	47.81	47.81
2	Durham	17312	11.00	42.73	826251	8.08	55.89
3	York	27527	17.49	60.22	1063306	10.40	66.29
4	Peel	26220	16.66	76.89	1496421	14.63	80.92
5	Halton	9903	6.29	83.18	666259	6.51	87.43
6	Hamilton-Wentworth	13676	8.69	91.87	911126	8.91	96.34
7	Fringe	11358	7.22	99.09	302942	2.96	99.30
8	External	1424	0.90	99.99	70705	0.69	99.99
9	Don't know/Refused	8	0.01	100.00	588	0.01	100.00
TOTAL		157349			10227275		

Variable name : primode (Primary mode of travel)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	34	0.02	0.02	2649	0.03	0.03
B	Transit (Ex. GO Tr	13021	8.28	8.30	1273061	12.45	12.47
C	Bicycle	1083	0.69	8.99	88547	0.87	13.34
D	Auto driver	104528	66.43	75.42	6410744	62.68	76.02
G	GO Train	1127	0.72	76.13	64637	0.63	76.65
J	GO Train + Transit	767	0.49	76.62	42143	0.41	77.07
M	Motorcycle	101	0.06	76.68	5976	0.06	77.12
O	Other	48	0.03	76.71	4387	0.04	77.17
P	Auto passenger	23276	14.79	91.51	1521712	14.88	92.05
S	School Bus	4416	2.81	94.31	175028	1.71	93.76
T	Taxi	485	0.31	94.62	41951	0.41	94.17
W	Walk	8463	5.38	100.00	596442	5.83	100.00
TOTAL		157349			10227275		

Variable name : etrip\_km (Straight line trip length in kilometres)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
< 1 km		19826	12.60	12.60	1246761	12.19	12.19
1 - 2 km		18546	11.79	24.39	1312549	12.83	25.02
2 - 3 km		13762	8.75	33.13	985360	9.63	34.66
3 - 4 km		10746	6.83	39.96	793001	7.75	42.41
4 - 5 km		9382	5.96	45.92	689211	6.74	49.15
5 - 6 km		8030	5.10	51.03	571891	5.59	54.74
6 - 7 km		7079	4.50	55.53	495525	4.85	59.59
7 - 8 km		5592	3.55	59.08	379027	3.71	63.29
8 - 9 km		4886	3.11	62.19	340947	3.33	66.63
9 - 10 km		4548	2.89	65.08	308968	3.02	69.65
10 - 11 km		3926	2.50	67.57	259162	2.53	72.18
11 - 12 km		3546	2.25	69.83	234370	2.29	74.48
12 - 13 km		3324	2.11	71.94	202036	1.98	76.45
13 - 14 km		3155	2.01	73.94	209608	2.05	78.50
14 - 15 km		2920	1.86	75.80	184882	1.81	80.31
15 - 16 km		2635	1.67	77.47	171763	1.68	81.99
16 - 17 km		2739	1.74	79.21	158191	1.55	83.53
17 - 18 km		2307	1.47	80.68	140551	1.37	84.91
18 - 19 km		2075	1.32	82.00	119327	1.17	86.07
19 - 20 km		1995	1.27	83.27	116696	1.14	87.22
20 - 21 km		2056	1.31	84.57	100444	0.98	88.20
21 - 22 km		1699	1.08	85.65	79663	0.78	88.98
22 - 23 km		1569	1.00	86.65	71797	0.70	89.68
23 - 24 km		1505	0.96	87.61	71517	0.70	90.38
24 - 25 km		1247	0.79	88.40	62816	0.61	90.99
25 - 26 km		1419	0.90	89.30	71562	0.70	91.69
26 - 27 km		981	0.62	89.92	47766	0.47	92.16
27 - 28 km		998	0.63	90.56	50118	0.49	92.65
28 - 29 km		866	0.55	91.11	45911	0.45	93.10
29 - 30 km		888	0.56	91.67	42588	0.42	93.51
30 - 31 km		716	0.46	92.13	37981	0.37	93.89
31 - 32 km		704	0.45	92.58	31173	0.30	94.19
32 - 33 km		721	0.46	93.03	35699	0.35	94.54
33 - 34 km		674	0.43	93.46	31947	0.31	94.85
34 - 35 km		591	0.38	93.84	29284	0.29	95.14
35 - 36 km		608	0.39	94.22	27667	0.27	95.41
36 - 37 km		578	0.37	94.59	25014	0.24	95.65
37 - 38 km		490	0.31	94.90	22910	0.22	95.88

Trip Length in Kilometres (cont'd...)

38 - 39 km	449	0.29	95.19	17816	0.17	96.05
39 - 40 km	419	0.27	95.45	20136	0.20	96.25
40 - 41 km	362	0.23	95.68	15882	0.16	96.40
41 - 42 km	316	0.20	95.89	15290	0.15	96.55
42 - 43 km	320	0.20	96.09	18932	0.19	96.74
43 - 44 km	299	0.19	96.28	16736	0.16	96.90
44 - 45 km	323	0.21	96.48	14708	0.14	97.05
45 - 46 km	347	0.22	96.70	17565	0.17	97.22
46 - 47 km	331	0.21	96.92	16194	0.16	97.38
47 - 48 km	280	0.18	97.09	15490	0.15	97.53
48 - 49 km	267	0.17	97.26	13873	0.14	97.66
49 - 50 km	180	0.11	97.38	9505	0.09	97.76
50 - 51 km	218	0.14	97.52	12163	0.12	97.88
51 - 52 km	169	0.11	97.62	7609	0.07	97.95
52 - 53 km	188	0.12	97.74	8144	0.08	98.03
53 - 54 km	226	0.14	97.89	10808	0.11	98.13
54 - 55 km	145	0.09	97.98	7195	0.07	98.21
55 - 56 km	178	0.11	98.09	7136	0.07	98.28
56 - 57 km	157	0.10	98.19	10273	0.10	98.38
57 - 58 km	106	0.07	98.26	7012	0.07	98.44
58 - 59 km	96	0.06	98.32	5693	0.06	98.50
59 - 60 km	87	0.06	98.37	5568	0.05	98.55
60 - 61 km	125	0.08	98.45	8998	0.09	98.64
61 - 62 km	90	0.06	98.51	7296	0.07	98.71
62 - 63 km	85	0.05	98.57	5185	0.05	98.76
63 - 64 km	100	0.06	98.63	4790	0.05	98.81
64 - 65 km	107	0.07	98.70	4016	0.04	98.85
65 - 66 km	112	0.07	98.77	5068	0.05	98.90
66 - 67 km	88	0.06	98.82	3689	0.04	98.94
67 - 68 km	63	0.04	98.86	2471	0.02	98.96
68 - 69 km	56	0.04	98.90	4066	0.04	99.00
69 - 70 km	50	0.03	98.93	1587	0.02	99.02
70 - 71 km	39	0.02	98.96	3232	0.03	99.05
71 - 72 km	36	0.02	98.98	1157	0.01	99.06
72 - 73 km	40	0.03	99.00	2041	0.02	99.08
73 - 74 km	45	0.03	99.03	2712	0.03	99.10
74 - 75 km	44	0.03	99.06	1138	0.01	99.12
75 - 76 km	32	0.02	99.08	2618	0.03	99.14
76 - 77 km	39	0.02	99.11	1747	0.02	99.16
77 - 78 km	41	0.03	99.13	1671	0.02	99.17
78 - 79 km	33	0.02	99.15	1707	0.02	99.19
79 - 80 km	27	0.02	99.17	1221	0.01	99.20
80 - 81 km	23	0.01	99.19	743	0.01	99.21
81 - 82 km	36	0.02	99.21	3589	0.04	99.25
82 - 83 km	31	0.02	99.23	707	0.01	99.25
83 - 84 km	16	0.01	99.24	781	0.01	99.26
84 - 85 km	20	0.01	99.25	1056	0.01	99.27
85 - 86 km	22	0.01	99.26	1948	0.02	99.29
86 - 87 km	37	0.02	99.29	1779	0.02	99.31
87 - 88 km	27	0.02	99.31	1578	0.02	99.32
88 - 89 km	31	0.02	99.33	1890	0.02	99.34
89 - 90 km	33	0.02	99.35	2365	0.02	99.36
90 - 91 km	16	0.01	99.36	952	0.01	99.37
91 - 92 km	21	0.01	99.37	758	0.01	99.38
92 - 93 km	14	0.01	99.38	1157	0.01	99.39
93 - 94 km	17	0.01	99.39	741	0.01	99.40
94 - 95 km	20	0.01	99.40	1695	0.02	99.42
95 - 96 km	31	0.02	99.42	1994	0.02	99.44
96 - 97 km	26	0.02	99.44	1679	0.02	99.45
97 - 98 km	10	0.01	99.44	1466	0.01	99.47



Trip Length in Kilometres (cont'd...)

98 - 99 km	22	0.01	99.46	1784	0.02	99.48
99 - 100 km	14	0.01	99.47	907	0.01	99.49
100 - 101 km	17	0.01	99.48	1357	0.01	99.51
101 - 102 km	10	0.01	99.48	227	0.00	99.51
102 - 103 km	35	0.02	99.51	1164	0.01	99.52
103 - 104 km	9	0.01	99.51	587	0.01	99.53
104 - 105 km	8	0.01	99.52	554	0.01	99.53
105 - 106 km	12	0.01	99.53	532	0.01	99.54
106 - 107 km	20	0.01	99.54	1273	0.01	99.55
107 - 108 km	2	0.00	99.54	46	0.00	99.55
108 - 109 km	16	0.01	99.55	1068	0.01	99.56
109 - 110 km	4	0.00	99.55	91	0.00	99.56
110 - 111 km	11	0.01	99.56	1083	0.01	99.57
111 - 112 km	3	0.00	99.56	142	0.00	99.57
112 - 113 km	23	0.01	99.58	1289	0.01	99.58
113 - 114 km	14	0.01	99.58	1021	0.01	99.59
114 - 115 km	25	0.02	99.60	1992	0.02	99.61
115 - 116 km	14	0.01	99.61	1259	0.01	99.63
116 - 117 km	10	0.01	99.62	399	0.00	99.63
117 - 118 km	13	0.01	99.62	1311	0.01	99.64
118 - 119 km	12	0.01	99.63	1048	0.01	99.65
119 - 120 km	12	0.01	99.64	440	0.00	99.66
120 - 121 km	18	0.01	99.65	1819	0.02	99.68
121 - 122 km	19	0.01	99.66	1440	0.01	99.69
122 - 123 km	20	0.01	99.68	1190	0.01	99.70
123 - 124 km	19	0.01	99.69	1367	0.01	99.71
124 - 125 km	18	0.01	99.70	1433	0.01	99.73
125 - 126 km	8	0.01	99.70	187	0.00	99.73
126 - 127 km	9	0.01	99.71	619	0.01	99.74
127 - 128 km	31	0.02	99.73	1588	0.02	99.75
128 - 129 km	10	0.01	99.74	226	0.00	99.75
129 - 130 km	23	0.01	99.75	1511	0.01	99.77
130 - 131 km	4	0.00	99.75	211	0.00	99.77
131 - 132 km	9	0.01	99.76	972	0.01	99.78
132 - 133 km	9	0.01	99.76	193	0.00	99.78
133 - 134 km	15	0.01	99.77	1264	0.01	99.79
134 - 135 km	15	0.01	99.78	1014	0.01	99.80
135 - 136 km	12	0.01	99.79	971	0.01	99.81
136 - 137 km	13	0.01	99.80	1080	0.01	99.82
137 - 138 km	10	0.01	99.81	654	0.01	99.83
138 - 139 km	17	0.01	99.82	414	0.00	99.84
139 - 140 km	3	0.00	99.82	207	0.00	99.84
140 - 141 km	5	0.00	99.82	287	0.00	99.84
141 - 142 km	6	0.00	99.83	354	0.00	99.84
142 - 143 km	6	0.00	99.83	134	0.00	99.84
143 - 144 km	1	0.00	99.83	26	0.00	99.85
144 - 145 km	3	0.00	99.83	70	0.00	99.85
145 - 146 km	15	0.01	99.84	614	0.01	99.85
146 - 147 km	5	0.00	99.84	490	0.00	99.86
147 - 148 km	6	0.00	99.85	464	0.00	99.86
148 - 149 km	4	0.00	99.85	571	0.01	99.87
149 - 150 km	6	0.00	99.85	320	0.00	99.87
150 - 151 km	4	0.00	99.86	261	0.00	99.87
151 - 152 km	18	0.01	99.87	1855	0.02	99.89
152 - 153 km	11	0.01	99.88	801	0.01	99.90
153 - 154 km	13	0.01	99.88	1394	0.01	99.91
154 - 155 km	12	0.01	99.89	246	0.00	99.91
155 - 156 km	3	0.00	99.89	337	0.00	99.92
156 - 157 km	2	0.00	99.89	45	0.00	99.92
157 - 158 km	5	0.00	99.90	106	0.00	99.92



Trip Length in Kilometres (cont'd...)

158 - 159 km	6	0.00	99.90	397	0.00	99.92
159 - 160 km	3	0.00	99.90	61	0.00	99.92
160 - 161 km	3	0.00	99.91	264	0.00	99.93
161 - 162 km	7	0.00	99.91	512	0.01	99.93
162 - 163 km	2	0.00	99.91	158	0.00	99.93
163 - 164 km	6	0.00	99.91	441	0.00	99.94
164 - 165 km	1	0.00	99.92	19	0.00	99.94
165 - 166 km	1	0.00	99.92	204	0.00	99.94
166 - 167 km	5	0.00	99.92	89	0.00	99.94
167 - 168 km	12	0.01	99.93	543	0.01	99.95
168 - 169 km	6	0.00	99.93	459	0.00	99.95
169 - 170 km	3	0.00	99.93	71	0.00	99.95
170 - 171 km	1	0.00	99.93	23	0.00	99.95
171 - 172 km	1	0.00	99.93	19	0.00	99.95
173 - 174 km	10	0.01	99.94	216	0.00	99.95
174 - 175 km	2	0.00	99.94	225	0.00	99.96
175 - 176 km	8	0.01	99.95	189	0.00	99.96
176 - 177 km	7	0.00	99.95	422	0.00	99.96
177 - 178 km	2	0.00	99.95	52	0.00	99.96
178 - 179 km	4	0.00	99.95	78	0.00	99.96
179 - 180 km	2	0.00	99.96	48	0.00	99.96
180 - 181 km	3	0.00	99.96	47	0.00	99.96
181 - 182 km	4	0.00	99.96	91	0.00	99.96
182 - 183 km	3	0.00	99.96	537	0.01	99.97
183 - 184 km	3	0.00	99.96	67	0.00	99.97
184 - 185 km	5	0.00	99.97	126	0.00	99.97
185 - 186 km	2	0.00	99.97	236	0.00	99.97
186 - 187 km	3	0.00	99.97	88	0.00	99.97
188 - 189 km	1	0.00	99.97	21	0.00	99.97
189 - 190 km	1	0.00	99.97	170	0.00	99.98
190 - 191 km	2	0.00	99.97	40	0.00	99.98
191 - 192 km	1	0.00	99.97	13	0.00	99.98
193 - 194 km	5	0.00	99.98	626	0.01	99.98
194 - 195 km	3	0.00	99.98	76	0.00	99.98
202 - 203 km	6	0.00	99.98	121	0.00	99.99
205 - 206 km	5	0.00	99.99	324	0.00	99.99
209 - 210 km	2	0.00	99.99	315	0.00	99.99
210 - 211 km	1	0.00	99.99	19	0.00	99.99
211 - 212 km	1	0.00	99.99	19	0.00	99.99
217 - 218 km	2	0.00	99.99	45	0.00	99.99
221 - 222 km	1	0.00	99.99	207	0.00	99.99
224 - 225 km	2	0.00	99.99	288	0.00	100.00
226 - 227 km	2	0.00	99.99	46	0.00	100.00
238 - 239 km	3	0.00	99.99	68	0.00	100.00
242 - 243 km	1	0.00	100.00	22	0.00	100.00
244 - 245 km	1	0.00	100.00	22	0.00	100.00
> 254 km	6	0.00	100.00	142	0.00	100.00

TOTAL 157349  
MEAN 10.73

10227281  
9.51

## CONTROL TOTALS FOR 1991 VERSION 2.1

### TRANSIT TABULATIONS

The following tabulations are "Number of Trips" stratified by various categories. The "# RECORDS" figures are the actual number of records in the TTS TRANSIT files. The "FREQUENCY" figures are the expanded results representing the universe. Minor differences in the expanded totals are due to rounding errors.

Variable name : Hse\_Region (Regional municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	8711	58.40	58.40	1047086	75.88	75.88
2	Durham	882	5.91	64.32	42185	3.06	78.94
3	York	2194	14.71	79.03	67153	4.87	83.81
4	Peel	1718	11.52	90.55	110749	8.03	91.83
5	Halton	537	3.60	94.15	35827	2.60	94.43
6	Hamilton-Wentworth	758	5.08	99.23	74055	5.37	99.80
7	Fringe	115	0.77	100.00	2786	0.20	100.00
TOTAL		14915			1379841		

Variable name : Hse\_Mun (Area municipality of household)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	1428	9.57	9.57	104145	7.55	7.55
2	PD2-Metro	759	5.09	14.66	124367	9.01	16.56
3	PD3-Metro	745	4.99	19.66	125542	9.10	25.66
4	PD4-Metro	573	3.84	23.50	102482	7.43	33.09
5	PD5-Metro	381	2.55	26.05	37980	2.75	35.84
6	PD6-Metro	708	4.75	30.80	127631	9.25	45.09
7	PD7-Metro	252	1.69	32.49	20498	1.49	46.57
8	PD8-Metro	281	1.88	34.37	52871	3.83	50.41
9	PD9-Metro	267	1.79	36.16	20069	1.45	51.86
10	PD10-Metro	444	2.98	39.14	57301	4.15	56.01
11	PD11-Metro	578	3.88	43.02	45316	3.28	59.30
12	PD12-Metro	136	0.91	43.93	24242	1.76	61.05
13	PD13-Metro	618	4.14	48.07	85768	6.22	67.27
14	PD14-Metro	147	0.99	49.06	18449	1.34	68.61
15	PD15-Metro	318	2.13	51.19	28999	2.10	70.71
16	PD16-Metro	1076	7.21	58.40	71429	5.18	75.88
18	Uxbridge	6	0.04	58.44	112	0.01	75.89
19	Scugog	4	0.03	58.47	472	0.03	75.93
20	Pickering	231	1.55	60.02	9499	0.69	76.62
21	Ajax	266	1.78	61.80	7588	0.55	77.17
22	Whitby	167	1.12	62.92	6630	0.48	77.65
23	Oshawa	143	0.96	63.88	16378	1.19	78.83
24	Newcastle	65	0.44	64.32	1506	0.11	78.94
25	Georgina	3	0.02	64.34	453	0.03	78.97
26	East Gwillimbury	14	0.09	64.43	620	0.04	79.02
27	Newmarket	55	0.37	64.80	3562	0.26	79.28
28	Aurora	124	0.83	65.63	2507	0.18	79.46
29	Richmond Hill	418	2.80	68.43	15601	1.13	80.59
30	Whitchurch-Stouffville	23	0.15	68.59	569	0.04	80.63
31	Markham	800	5.36	73.95	26633	1.93	82.56
32	King	1	0.01	73.96	160	0.01	82.57

## Area Municipality of Household (cont'd...)

33	Vaughan	756	5.07	79.03	17048	1.24	83.81
34	Caledon	25	0.17	79.20	671	0.05	83.86
35	Brampton	530	3.55	82.75	26460	1.92	85.77
36	Mississauga	1163	7.80	90.55	83618	6.06	91.83
37	Halton Hills	22	0.15	90.69	2976	0.22	92.05
38	Milton	12	0.08	90.77	2017	0.15	92.20
39	Oakville	332	2.23	93.00	18939	1.37	93.57
40	Burlington	171	1.15	94.15	11895	0.86	94.43
41	Flamborough	19	0.13	94.27	469	0.03	94.47
42	Dundas	8	0.05	94.33	1152	0.08	94.55
43	Ancaster	17	0.11	94.44	668	0.05	94.60
45	Stoney Creek	95	0.64	95.08	4561	0.33	94.93
46	Hamilton	619	4.15	99.23	67205	4.87	99.80
47	Durham fringe	20	0.13	99.36	632	0.05	99.84
48	York/Peel/Halton fring	76	0.51	99.87	1723	0.12	99.97
49	Hamilton fringe	19	0.13	100.00	431	0.03	100.00
TOTAL		14915			1379841		

## Variable name : Dwel\_type (Dwelling unit type)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	House	9474	63.52	63.52	802837	58.18	58.18
2	Apartment	5441	36.48	100.00	577004	41.82	100.00
TOTAL		14915			1379841		

## Variable name : Week\_No (Weeks into the survey when interview was completed)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	September 7, 1991	296	1.98	1.98	29540	2.14	2.14
1	September 14, 1991	580	3.89	5.87	59318	4.30	6.44
2	September 21, 1991	230	1.54	7.42	15939	1.16	7.59
3	September 28, 1991	427	2.86	10.28	32434	2.35	9.95
4	October 5, 1991	655	4.39	14.67	52047	3.77	13.72
5	October 12, 1991	877	5.88	20.55	79565	5.77	19.48
6	October 19, 1991	1158	7.76	28.31	96894	7.02	26.51
7	October 26, 1991	1361	9.13	37.44	129189	9.36	35.87
8	November 2, 1991	1371	9.19	46.63	107677	7.80	43.67
9	November 9, 1991	1458	9.78	56.41	152594	11.06	54.73
10	November 16, 1991	1592	10.67	67.08	156327	11.33	66.06
11	November 23, 1991	1313	8.80	75.88	125724	9.11	75.17
12	November 30, 1991	1382	9.27	85.15	139871	10.14	85.31
13	December 7, 1991	1389	9.31	94.46	138186	10.01	95.32
14	December 14, 1991	746	5.00	99.46	56522	4.10	99.42
15	December 21, 1991	16	0.11	99.57	647	0.05	99.47
99	Don't know/Refused	64	0.43	100.00	7369	0.53	100.00
TOTAL		14915			1379841		

## Variable name : Trip\_Day (Day of week trip data were collected)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Monday	2529	16.96	16.96	226422	16.41	16.41
2	Tuesday	2752	18.45	35.41	267474	19.38	35.79
3	Wednesday	2709	18.16	53.57	258668	18.75	54.54
4	Thursday	4090	27.42	80.99	371288	26.91	81.45

Day of Week When Trip Data Were Collected (cont'd...)

5 Friday	2754	18.46	99.46	247335	17.92	99.37
9 Don't know/Refused	81	0.54	100.00	8654	0.63	100.00
TOTAL	14915			1379841		

Variable name : respon (Respondent status - household member who provided information)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
N No		8072	54.12	54.12	726592	52.66	52.66
Y Yes		6843	45.88	100.00	653249	47.34	100.00
TOTAL		14915			1379841		

Variable name : age (Age of person in years)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
11		43	0.29	0.29	4608	0.33	0.33
12		82	0.55	0.84	8646	0.63	0.96
13		146	0.98	1.82	14402	1.04	2.00
14		380	2.55	4.36	28778	2.09	4.09
15		429	2.88	7.24	32820	2.38	6.47
16		442	2.96	10.20	37787	2.74	9.21
17		432	2.90	13.10	32976	2.39	11.60
18		483	3.24	16.34	44808	3.25	14.84
19		419	2.81	19.15	35467	2.57	17.41
20		383	2.57	21.72	36658	2.66	20.07
21		412	2.76	24.48	40360	2.92	23.00
22		370	2.48	26.96	34128	2.47	25.47
23		347	2.33	29.29	31377	2.27	27.74
24		395	2.65	31.93	42103	3.05	30.79
25		460	3.08	35.02	43518	3.15	33.95
26		385	2.58	37.60	36739	2.66	36.61
27		442	2.96	40.56	42634	3.09	39.70
28		419	2.81	43.37	35411	2.57	42.27
29		360	2.41	45.79	31401	2.28	44.54
30		561	3.76	49.55	53554	3.88	48.42
31		311	2.09	51.63	30624	2.22	50.64
32		408	2.74	54.37	38258	2.77	53.42
33		264	1.77	56.14	25682	1.86	55.28
34		285	1.91	58.05	26523	1.92	57.20
35		455	3.05	61.10	37157	2.69	59.89
36		289	1.94	63.04	24087	1.75	61.64
37		274	1.84	64.87	23586	1.71	63.35
38		279	1.87	66.74	27703	2.01	65.36
39		216	1.45	68.19	19401	1.41	66.76
40		439	2.94	71.14	36637	2.66	69.42
41		206	1.38	72.52	15709	1.14	70.55
42		240	1.61	74.13	21527	1.56	72.11
43		199	1.33	75.46	13726	0.99	73.11
44		198	1.33	76.79	17012	1.23	74.34
45		345	2.31	79.10	29224	2.12	76.46
46		141	0.95	80.05	13090	0.95	77.41
47		132	0.89	80.93	14075	1.02	78.43
48		158	1.06	81.99	14572	1.06	79.49
49		123	0.82	82.82	11580	0.84	80.32
50		248	1.66	84.48	22878	1.66	81.98
51		113	0.76	85.24	9216	0.67	82.65
52		118	0.79	86.03	13621	0.99	83.64



## Age of Person in Years (cont'd...)

53	103	0.69	86.72	12157	0.88	84.52
54	104	0.70	87.42	9557	0.69	85.21
55	180	1.21	88.62	17812	1.29	86.50
56	83	0.56	89.18	10442	0.76	87.26
57	83	0.56	89.74	7858	0.57	87.83
58	60	0.40	90.14	8279	0.60	88.43
59	92	0.62	90.75	9618	0.70	89.13
60	101	0.68	91.43	11320	0.82	89.95
61	41	0.27	91.71	3991	0.29	90.23
62	60	0.40	92.11	6494	0.47	90.71
63	67	0.45	92.56	6596	0.48	91.18
64	54	0.36	92.92	5139	0.37	91.56
65	125	0.84	93.76	13540	0.98	92.54
66	53	0.36	94.11	5540	0.40	92.94
67	64	0.43	94.54	7544	0.55	93.49
68	60	0.40	94.94	5877	0.43	93.91
69	47	0.32	95.26	5151	0.37	94.28
70	87	0.58	95.84	9224	0.67	94.95
71	47	0.32	96.16	4703	0.34	95.29
72	54	0.36	96.52	4845	0.35	95.65
73	35	0.23	96.75	3889	0.28	95.93
74	41	0.27	97.03	5027	0.36	96.29
75	51	0.34	97.37	6443	0.47	96.76
76	22	0.15	97.52	2054	0.15	96.91
77	16	0.11	97.63	1685	0.12	97.03
78	31	0.21	97.83	3245	0.24	97.26
79	32	0.21	98.05	4634	0.34	97.60
80	45	0.30	98.35	6740	0.49	98.09
81	31	0.21	98.56	4636	0.34	98.42
82	10	0.07	98.63	1057	0.08	98.50
83	7	0.05	98.67	713	0.05	98.55
84	5	0.03	98.71	1065	0.08	98.63
85	13	0.09	98.79	1211	0.09	98.72
86	9	0.06	98.85	1317	0.10	98.81
87	5	0.03	98.89	128	0.01	98.82
88	2	0.01	98.90	387	0.03	98.85
89	2	0.01	98.91	278	0.02	98.87
90	2	0.01	98.93	376	0.03	98.90
95	2	0.01	98.94	312	0.02	98.92
99 Don't know/Refused	158	1.06	100.00	14895	1.08	100.00
TOTAL		14915		1379841		
MEAN		34.61		35.57		

Variable name : sex (Gender of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	5	0.03	0.03	426	0.03	0.03
F	Female	8650	58.00	58.03	799227	57.92	57.95
M	Male	6260	41.97	100.00	580188	42.05	100.00
TOTAL		14915			1379841		



Variable name : drv\_lic (Possession of a driver's license)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	4	0.03	0.03	507	0.04	0.04
N	No	5876	39.40	39.42	591674	42.88	42.92
Y	Yes	9035	60.58	100.00	787661	57.08	100.00
TOTAL		14915			1379841		

Variable name : empl\_sta (Employment status of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	7	0.05	0.05	757	0.05	0.05
F	Full time	7943	53.26	53.30	712808	51.66	51.71
H	Work at home (f/t)	137	0.92	54.22	12764	0.93	52.64
J	work at home (p/t)	40	0.27	54.49	2980	0.22	52.85
O	Not employed	4943	33.14	87.63	476977	34.57	87.42
P	Part time	1845	12.37	100.00	173555	12.58	100.00
TOTAL		14915			1379841		

Variable name : stu\_sta (Student status of person)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	4	0.03	0.03	649	0.05	0.05
O	Not a student	9841	65.98	66.01	916491	66.42	66.47
P	Part time	1000	6.70	72.71	101353	7.35	73.81
S	Full time	4070	27.29	100.00	361349	26.19	100.00
TOTAL		14915			1379841		

Variable name : orig\_purp (Origin purpose of trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	2	0.01	0.01	47	0.00	0.00
D	Daycare	57	0.38	0.40	4309	0.31	0.32
F	Serve passenger	47	0.32	0.71	2736	0.20	0.51
H	Home	7001	46.94	47.65	650464	47.14	47.65
L	Linked	7	0.05	47.70	243	0.02	47.67
O	Other	1846	12.38	60.07	193429	14.02	61.69
S	School	1967	13.19	73.26	172525	12.50	74.19
W	Work	3988	26.74	100.00	356088	25.81	100.00
TOTAL		14915			1379841		

Variable name : orig\_mun (Area municipality of trip origin)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	4252	28.51	28.51	367288	26.62	26.62
2	PD2-Metro	606	4.06	32.57	88930	6.44	33.06
3	PD3-Metro	578	3.88	36.45	89763	6.51	39.57
4	PD4-Metro	799	5.36	41.80	102503	7.43	47.00
5	PD5-Metro	309	2.07	43.88	31128	2.26	49.25
6	PD6-Metro	543	3.64	47.52	87236	6.32	55.58
7	PD7-Metro	168	1.13	48.64	14923	1.08	56.66
8	PD8-Metro	266	1.78	50.43	39869	2.89	59.55

Area Municipality of Trip Origin (cont'd...)

9	PD9-Metro	225	1.51	51.93	18176	1.32	60.86
10	PD10-Metro	452	3.03	54.96	56594	4.10	64.96
11	PD11-Metro	541	3.63	58.59	44434	3.22	68.18
12	PD12-Metro	137	0.92	59.51	17377	1.26	69.44
13	PD13-Metro	632	4.24	63.75	77253	5.60	75.04
14	PD14-Metro	108	0.72	64.47	12865	0.93	75.98
15	PD15-Metro	227	1.52	65.99	19995	1.45	77.42
16	PD16-Metro	709	4.75	70.75	49841	3.61	81.04
18	Uxbridge	3	0.02	70.77	56	0.00	81.04
19	Scugog	1	0.01	70.77	118	0.01	81.05
20	Pickering	122	0.82	71.59	5105	0.37	81.42
21	Ajax	157	1.05	72.64	4580	0.33	81.75
22	Whitby	105	0.70	73.35	4416	0.32	82.07
23	Oshawa	142	0.95	74.30	14574	1.06	83.13
24	Newcastle	29	0.19	74.50	679	0.05	83.18
25	Georgina	3	0.02	74.52	333	0.02	83.20
26	East Gwillimbury	8	0.05	74.57	331	0.02	83.22
27	Newmarket	45	0.30	74.87	2808	0.20	83.43
28	Aurora	67	0.45	75.32	1352	0.10	83.53
29	Richmond Hill	258	1.73	77.05	10458	0.76	84.28
30	Whitchurch-Stouffville	13	0.09	77.14	322	0.02	84.31
31	Markham	511	3.43	80.56	20380	1.48	85.78
33	Vaughan	452	3.03	83.59	14104	1.02	86.81
34	Caledon	11	0.07	83.67	295	0.02	86.83
35	Brampton	388	2.60	86.27	19451	1.41	88.24
36	Mississauga	868	5.82	92.09	61929	4.49	92.73
37	Halton Hills	14	0.09	92.18	1866	0.14	92.86
38	Milton	9	0.06	92.24	1504	0.11	92.97
39	Oakville	217	1.45	93.70	13263	0.96	93.93
40	Burlington	123	0.82	94.52	9201	0.67	94.60
41	Flamborough	9	0.06	94.58	222	0.02	94.61
42	Dundas	6	0.04	94.62	735	0.05	94.67
43	Ancaster	9	0.06	94.68	555	0.04	94.71
45	Stoney Creek	55	0.37	95.05	3465	0.25	94.96
46	Hamilton	653	4.38	99.43	66521	4.82	99.78
47	Durham fringe	13	0.09	99.52	473	0.03	99.81
48	York/Peel/Halton fring	43	0.29	99.81	979	0.07	99.88
49	Hamilton fringe	10	0.07	99.87	230	0.02	99.90
50	External	19	0.13	100.00	1367	0.10	100.00
TOTAL		14915			1379841		

Variable name : orig\_region (Regional municipality of origin)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	10552	70.75	70.75	1118174	81.04	81.04
2	Durham	559	3.75	74.50	29527	2.14	83.18
3	York	1357	9.10	83.59	50087	3.63	86.81
4	Peel	1267	8.49	92.09	81674	5.92	92.73
5	Halton	363	2.43	94.52	25833	1.87	94.60
6	Hamilton-Wentworth	732	4.91	99.43	71497	5.18	99.78
7	Fringe	66	0.44	99.87	1682	0.12	99.90
8	External	19	0.13	100.00	1367	0.10	100.00
TOTAL		14915			1379841		

Variable name : dest\_purp (Destination purpose of trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	1	0.01	0.01	33	0.00	0.00
C	Second school	26	0.17	0.18	3040	0.22	0.22
D	Daycare	46	0.31	0.49	4166	0.30	0.52
F	Serve passenger	34	0.23	0.72	2574	0.19	0.71
H	Home	6707	44.97	45.69	618867	44.85	45.56
L	Linked	6	0.04	45.73	278	0.02	45.58
O	Other	2151	14.42	60.15	220440	15.98	61.56
R	Second work	142	0.95	61.10	12238	0.89	62.44
S	School	1733	11.62	72.72	155490	11.27	73.71
W	Work	4069	27.28	100.00	362716	26.29	100.00

TOTAL 14915 1379841

Variable name : dest-mun (Area municipality of trip destination)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	4292	28.78	28.78	371758	26.94	26.94
2	PD2-Metro	608	4.08	32.85	88310	6.40	33.34
3	PD3-Metro	581	3.90	36.75	88578	6.42	39.76
4	PD4-Metro	809	5.42	42.17	102304	7.41	47.18
5	PD5-Metro	299	2.00	44.18	30016	2.18	49.35
6	PD6-Metro	547	3.67	47.84	86876	6.30	55.65
7	PD7-Metro	167	1.12	48.96	15183	1.10	56.75
8	PD8-Metro	269	1.80	50.77	39682	2.88	59.62
9	PD9-Metro	230	1.54	52.31	18855	1.37	60.99
10	PD10-Metro	438	2.94	55.25	55154	4.00	64.99
11	PD11-Metro	537	3.60	58.85	45334	3.29	68.27
12	PD12-Metro	144	0.97	59.81	18434	1.34	69.61
13	PD13-Metro	622	4.17	63.98	76025	5.51	75.12
14	PD14-Metro	111	0.74	64.73	12795	0.93	76.05
15	PD15-Metro	228	1.53	66.26	19832	1.44	77.48
16	PD16-Metro	712	4.77	71.03	50009	3.62	81.11
18	Uxbridge	3	0.02	71.05	56	0.00	81.11
19	Scugog	1	0.01	71.06	118	0.01	81.12
20	Pickering	120	0.80	71.86	5048	0.37	81.49
21	Ajax	154	1.03	72.89	4661	0.34	81.82
22	Whitby	104	0.70	73.59	4528	0.33	82.15
23	Oshawa	141	0.95	74.54	14289	1.04	83.19
24	Newcastle	31	0.21	74.74	882	0.06	83.25
25	Georgina	1	0.01	74.75	151	0.01	83.26
26	East Gwillimbury	7	0.05	74.80	180	0.01	83.27
27	Newmarket	48	0.32	75.12	3141	0.23	83.50
28	Aurora	66	0.44	75.56	1334	0.10	83.60
29	Richmond Hill	264	1.77	77.33	10894	0.79	84.39
30	Whitchurch-Stouffville	12	0.08	77.41	297	0.02	84.41
31	Markham	500	3.35	80.76	20567	1.49	85.90
32	King	1	0.01	80.77	160	0.01	85.91
33	Vaughan	449	3.01	83.78	14219	1.03	86.94
34	Caledon	9	0.06	83.84	241	0.02	86.96
35	Brampton	386	2.59	86.43	19346	1.40	88.36
36	Mississauga	863	5.79	92.22	60656	4.40	92.76
37	Halton Hills	13	0.09	92.30	1847	0.13	92.89
38	Milton	9	0.06	92.36	1509	0.11	93.00
39	Oakville	208	1.39	93.76	12972	0.94	93.94
40	Burlington	125	0.84	94.60	9606	0.70	94.64
41	Flamborough	9	0.06	94.66	222	0.02	94.65
42	Dundas	6	0.04	94.70	735	0.05	94.71

Area Municipality of Trip Destination (cont'd...)

43 Ancaster	8	0.05	94.75	529	0.04	94.75
45 Stoney Creek	55	0.37	95.12	3677	0.27	95.01
46 Hamilton	650	4.36	99.48	65905	4.78	99.79
47 Durham fringe	13	0.09	99.56	473	0.03	99.82
48 York/Peel/Halton fring	39	0.26	99.83	895	0.06	99.89
49 Hamilton fringe	11	0.07	99.90	252	0.02	99.91
50 External	15	0.10	100.00	1306	0.09	100.00

TOTAL	14915	1379841
-------	-------	---------

Variable name : dest\_region (Regional municipality of trip destination)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	10594	71.03	71.03	1119145	81.11	81.11
2	Durham	554	3.71	74.74	29581	2.14	83.25
3	York	1348	9.04	83.78	50942	3.69	86.94
4	Peel	1258	8.43	92.22	80243	5.82	92.76
5	Halton	355	2.38	94.60	25934	1.88	94.64
6	Hamilton-Wentworth	728	4.88	99.48	71069	5.15	99.79
7	Fringe	63	0.42	99.90	1621	0.12	99.91
8	External	15	0.10	100.00	1306	0.09	100.00

TOTAL	14915	1379841
MEAN	1.84	1.62

Variable name : etrip\_km (Straight line trip length in kilometres truncated)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
	< 1 km	312	2.09	2.09	33064	2.40	2.40
1	- 2 km	1342	9.00	11.09	136902	9.92	12.32
2	- 3 km	1542	10.34	21.43	153000	11.09	23.41
3	- 4 km	1107	7.42	28.85	119147	8.63	32.04
4	- 5 km	981	6.58	35.43	116855	8.47	40.51
5	- 6 km	905	6.07	41.50	98216	7.12	47.63
6	- 7 km	767	5.14	46.64	82546	5.98	53.61
7	- 8 km	536	3.59	50.23	56758	4.11	57.72
8	- 9 km	551	3.69	53.93	67130	4.87	62.59
9	- 10 km	483	3.24	57.16	51361	3.72	66.31
10	- 11 km	402	2.70	59.86	42982	3.11	69.43
11	- 12 km	338	2.27	62.13	38726	2.81	72.23
12	- 13 km	332	2.23	64.35	33840	2.45	74.68
13	- 14 km	412	2.76	67.11	39836	2.89	77.57
14	- 15 km	323	2.17	69.28	35918	2.60	80.17
15	- 16 km	338	2.27	71.55	34207	2.48	82.65
16	- 17 km	277	1.86	73.40	26391	1.91	84.57
17	- 18 km	329	2.21	75.61	24072	1.74	86.31
18	- 19 km	275	1.84	77.45	21543	1.56	87.87
19	- 20 km	246	1.65	79.10	18499	1.34	89.21
20	- 21 km	279	1.87	80.97	16294	1.18	90.39
21	- 22 km	275	1.84	82.82	11103	0.80	91.20
22	- 23 km	278	1.86	84.68	12248	0.89	92.09
23	- 24 km	267	1.79	86.47	12534	0.91	92.99
24	- 25 km	140	0.94	87.41	6435	0.47	93.46
25	- 26 km	124	0.83	88.24	7742	0.56	94.02
26	- 27 km	99	0.66	88.90	5933	0.43	94.45
27	- 28 km	109	0.73	89.63	6622	0.48	94.93
28	- 29 km	121	0.81	90.45	5214	0.38	95.31
29	- 30 km	113	0.76	91.20	5450	0.39	95.70



Trip Length in Kilometres (cont'd...)

30 - 31 km	76	0.51	91.71	3414	0.25	95.95
31 - 32 km	72	0.48	92.20	2756	0.20	96.15
32 - 33 km	93	0.62	92.82	4235	0.31	96.46
33 - 34 km	85	0.57	93.39	3686	0.27	96.73
34 - 35 km	81	0.54	93.93	4030	0.29	97.02
35 - 36 km	85	0.57	94.50	3047	0.22	97.24
36 - 37 km	123	0.82	95.33	3320	0.24	97.48
37 - 38 km	81	0.54	95.87	3801	0.28	97.75
38 - 39 km	30	0.20	96.07	1080	0.08	97.83
39 - 40 km	26	0.17	96.25	939	0.07	97.90
40 - 41 km	28	0.19	96.43	979	0.07	97.97
41 - 42 km	23	0.15	96.59	1449	0.10	98.08
42 - 43 km	17	0.11	96.70	2089	0.15	98.23
43 - 44 km	21	0.14	96.84	1510	0.11	98.34
44 - 45 km	33	0.22	97.06	996	0.07	98.41
45 - 46 km	39	0.26	97.32	1393	0.10	98.51
46 - 47 km	38	0.25	97.58	997	0.07	98.58
47 - 48 km	37	0.25	97.83	2716	0.20	98.78
48 - 49 km	12	0.08	97.91	891	0.06	98.84
49 - 50 km	11	0.07	97.98	1404	0.10	98.95
50 - 51 km	28	0.19	98.17	1443	0.10	99.05
51 - 52 km	18	0.12	98.29	1151	0.08	99.13
52 - 53 km	31	0.21	98.50	1087	0.08	99.21
53 - 54 km	32	0.21	98.71	1278	0.09	99.31
54 - 55 km	11	0.07	98.79	263	0.02	99.32
55 - 56 km	15	0.10	98.89	375	0.03	99.35
56 - 57 km	8	0.05	98.94	511	0.04	99.39
57 - 58 km	6	0.04	98.98	552	0.04	99.43
58 - 59 km	5	0.03	99.01	437	0.03	99.46
59 - 60 km	2	0.01	99.03	458	0.03	99.49
60 - 61 km	21	0.14	99.17	2348	0.17	99.66
61 - 62 km	2	0.01	99.18	49	0.00	99.67
62 - 63 km	9	0.06	99.24	182	0.01	99.68
63 - 64 km	12	0.08	99.32	263	0.02	99.70
64 - 65 km	16	0.11	99.43	354	0.03	99.73
65 - 66 km	21	0.14	99.57	487	0.04	99.76
66 - 67 km	13	0.09	99.66	555	0.04	99.80
67 - 68 km	1	0.01	99.66	19	0.00	99.80
69 - 70 km	4	0.03	99.69	90	0.01	99.81
70 - 71 km	2	0.01	99.70	45	0.00	99.81
71 - 72 km	4	0.03	99.73	90	0.01	99.82
77 - 78 km	2	0.01	99.75	45	0.00	99.82
78 - 79 km	4	0.03	99.77	91	0.01	99.83
81 - 82 km	2	0.01	99.79	45	0.00	99.83
82 - 83 km	1	0.01	99.79	22	0.00	99.83
84 - 85 km	2	0.01	99.81	45	0.00	99.84
91 - 92 km	1	0.01	99.81	33	0.00	99.84
92 - 93 km	2	0.01	99.83	278	0.02	99.86
93 - 94 km	2	0.01	99.84	45	0.00	99.86
94 - 95 km	2	0.01	99.85	377	0.03	99.89
96 - 97 km	1	0.01	99.86	26	0.00	99.89
100 - 101 km	2	0.01	99.87	51	0.00	99.89
105 - 106 km	1	0.01	99.88	23	0.00	99.90
117 - 118 km	2	0.01	99.89	64	0.00	99.90
122 - 123 km	1	0.01	99.90	26	0.00	99.90
124 - 125 km	1	0.01	99.91	25	0.00	99.90
133 - 134 km	4	0.03	99.93	623	0.05	99.95
150 - 151 km	1	0.01	99.94	31	0.00	99.95
151 - 152 km	2	0.01	99.95	190	0.01	99.97
164 - 165 km	1	0.01	99.96	19	0.00	99.97



Trip Length in Kilometres (cont'd...)

168 - 169 km	4	0.03	99.99	409	0.03	100.00
175 - 176 km	1	0.01	99.99	20	0.00	100.00
188 - 189 km	1	0.01	100.00	21	0.00	100.00
TOTAL	14915			1379841		
MEAN	11.97			9.26		

Variable name : acc\_mode (Access mode - mode used to access transit)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	7	0.05	0.05	458	0.03	0.03
C	Bicycle	11	0.07	0.12	1203	0.09	0.12
D	Auto driver	861	5.77	5.89	47026	3.41	3.53
M	Motorcycle	4	0.03	5.92	260	0.02	3.55
P	Auto passenger	507	3.40	9.32	30766	2.23	5.78
S	School Bus	1	0.01	9.33	19	0.00	5.78
T	Taxi	13	0.09	9.41	1205	0.09	5.87
W	Walk	13511	90.59	100.00	1298904	94.13	100.00
TOTAL		14915			1379841		

Variable name : acc\_mun (Area municipality of transit access point)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	4304	28.86	28.86	372265	26.98	26.98
2	PD2-Metro	606	4.06	32.92	89276	6.47	33.45
3	PD3-Metro	529	3.55	36.47	82299	5.96	39.41
4	PD4-Metro	868	5.82	42.29	108299	7.85	47.26
5	PD5-Metro	318	2.13	44.42	31746	2.30	49.56
6	PD6-Metro	539	3.61	48.03	85210	6.18	55.74
7	PD7-Metro	166	1.11	49.15	14880	1.08	56.82
8	PD8-Metro	311	2.09	51.23	42012	3.04	59.86
9	PD9-Metro	225	1.51	52.74	18007	1.30	61.17
10	PD10-Metro	430	2.88	55.62	54017	3.91	65.08
11	PD11-Metro	700	4.69	60.32	50900	3.69	68.77
12	PD12-Metro	136	0.91	61.23	16788	1.22	69.99
13	PD13-Metro	710	4.76	65.99	82573	5.98	75.97
14	PD14-Metro	131	0.88	66.87	14610	1.06	77.03
15	PD15-Metro	237	1.59	68.45	19667	1.43	78.45
16	PD16-Metro	668	4.48	72.93	47723	3.46	81.91
20	Pickering	94	0.63	73.56	3803	0.28	82.19
21	Ajax	148	0.99	74.56	4344	0.31	82.50
22	Whitby	129	0.86	75.42	5548	0.40	82.91
23	Oshawa	132	0.89	76.31	13863	1.00	83.91
24	Newcastle	9	0.06	76.37	190	0.01	83.92
25	Georgina	2	0.01	76.38	182	0.01	83.94
26	East Gwillimbury	4	0.03	76.41	225	0.02	83.95
27	Newmarket	47	0.32	76.72	2977	0.22	84.17
28	Aurora	57	0.38	77.10	1152	0.08	84.25
29	Richmond Hill	228	1.53	78.63	9623	0.70	84.95
30	Whitchurch-Stouffville	12	0.08	78.71	291	0.02	84.97
31	Markham	457	3.06	81.78	18435	1.34	86.31
32	King	5	0.03	81.81	112	0.01	86.32
33	Vaughan	350	2.35	84.16	11671	0.85	87.16
34	Caledon	3	0.02	84.18	80	0.01	87.17
35	Brampton	381	2.55	86.73	19049	1.38	88.55
36	Mississauga	854	5.73	92.46	59597	4.32	92.87
37	Halton Hills	14	0.09	92.55	1319	0.10	92.96

Area Municipality of Transit Access Point (cont'd...)

38 Milton	9	0.06	92.61	1361	0.10	93.06
39 Oakville	208	1.39	94.01	13381	0.97	94.03
40 Burlington	127	0.85	94.86	9158	0.66	94.69
41 Flamborough	2	0.01	94.87	49	0.00	94.70
42 Dundas	5	0.03	94.90	591	0.04	94.74
43 Ancaster	6	0.04	94.94	479	0.03	94.78
45 Stoney Creek	51	0.34	95.29	3368	0.24	95.02
46 Hamilton	653	4.38	99.66	66469	4.82	99.84
47 Durham fringe	8	0.05	99.72	360	0.03	99.86
48 York/Peel/Halton fring	16	0.11	99.83	367	0.03	99.89
49 Hamilton fringe	8	0.05	99.88	184	0.01	99.90
50 External	18	0.12	100.00	1341	0.10	100.00
TOTAL	14915			1379841		

Variable name : acc\_reg (Regional municipality of transit access point)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	10878	72.93	72.93	1130271	81.91	81.91
2	Durham	512	3.43	76.37	27749	2.01	83.92
3	York	1162	7.79	84.16	44668	3.24	87.16
4	Peel	1238	8.30	92.46	78727	5.71	92.87
5	Halton	358	2.40	94.86	25218	1.83	94.69
6	Hamilton-Wentworth	717	4.81	99.66	70955	5.14	99.84
7	Fringe	32	0.21	99.88	911	0.07	99.90
8	External	18	0.12	100.00	1341	0.10	100.00
TOTAL		14915			1379841		

Variable name : acc\_m/100 (Straight line distance from point of origin to point of access to transit in 1/10 of a kilometre)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		10149	68.05	68.05	976077	70.74	70.74
1		998	6.69	74.74	93660	6.79	77.53
2		724	4.85	79.59	68488	4.96	82.49
3		394	2.64	82.23	38730	2.81	85.30
4		367	2.46	84.69	32447	2.35	87.65
5		384	2.57	87.27	34311	2.49	90.13
6		192	1.29	88.56	19915	1.44	91.58
7		125	0.84	89.39	13081	0.95	92.53
8		105	0.70	90.10	9727	0.70	93.23
9		54	0.36	90.46	5392	0.39	93.62
10		51	0.34	90.80	3486	0.25	93.87
11		42	0.28	91.08	4760	0.34	94.22
12		35	0.23	91.32	3134	0.23	94.45
13		55	0.37	91.69	3194	0.23	94.68
14		35	0.23	91.92	3361	0.24	94.92
15		42	0.28	92.20	3293	0.24	95.16
16		20	0.13	92.34	1361	0.10	95.26
17		17	0.11	92.45	1520	0.11	95.37
18		27	0.18	92.63	1617	0.12	95.49
19		27	0.18	92.81	2735	0.20	95.68
20		27	0.18	92.99	1693	0.12	95.81
21		38	0.25	93.25	2731	0.20	96.00

## Distance from Point of Origin to Point of Access to Transit (cont'd...)

22	15	0.10	93.35	1712	0.12	96.13
23	25	0.17	93.52	1379	0.10	96.23
24	18	0.12	93.64	987	0.07	96.30
25	14	0.09	93.73	960	0.07	96.37
26	23	0.15	93.89	813	0.06	96.43
27	24	0.16	94.05	1595	0.12	96.54
28	20	0.13	94.18	1439	0.10	96.65
29	32	0.21	94.39	2303	0.17	96.82
30	21	0.14	94.54	886	0.06	96.88
31	17	0.11	94.65	1175	0.09	96.96
32	22	0.15	94.80	606	0.04	97.01
33	13	0.09	94.88	641	0.05	97.06
34	19	0.13	95.01	650	0.05	97.10
35	16	0.11	95.12	995	0.07	97.17
36	14	0.09	95.21	806	0.06	97.23
37	10	0.07	95.28	732	0.05	97.29
38	17	0.11	95.39	1013	0.07	97.36
39	16	0.11	95.50	1094	0.08	97.44
40	6	0.04	95.54	422	0.03	97.47
41	11	0.07	95.62	640	0.05	97.52
42	8	0.05	95.67	985	0.07	97.59
43	13	0.09	95.76	526	0.04	97.63
44	13	0.09	95.84	752	0.05	97.68
45	16	0.11	95.95	977	0.07	97.75
46	6	0.04	95.99	442	0.03	97.78
47	10	0.07	96.06	217	0.02	97.80
48	8	0.05	96.11	173	0.01	97.81
49	7	0.05	96.16	628	0.05	97.86
50	11	0.07	96.23	857	0.06	97.92
51	13	0.09	96.32	724	0.05	97.97
52	7	0.05	96.37	624	0.05	98.02
53	17	0.11	96.48	575	0.04	98.06
54	10	0.07	96.55	755	0.05	98.11
55	8	0.05	96.60	359	0.03	98.14
56	10	0.07	96.67	364	0.03	98.16
57	6	0.04	96.71	333	0.02	98.19
58	10	0.07	96.78	510	0.04	98.23
59	5	0.03	96.81	439	0.03	98.26
60	9	0.06	96.87	944	0.07	98.33
61	9	0.06	96.93	906	0.07	98.39
62	5	0.03	96.96	384	0.03	98.42
63	17	0.11	97.08	1174	0.09	98.50
64	6	0.04	97.12	261	0.02	98.52
65	7	0.05	97.16	159	0.01	98.54
66	5	0.03	97.20	306	0.02	98.56
67	2	0.01	97.21	49	0.00	98.56
68	5	0.03	97.24	109	0.01	98.57
69	6	0.04	97.28	418	0.03	98.60
70	4	0.03	97.31	277	0.02	98.62
71	1	0.01	97.32	21	0.00	98.62
72	6	0.04	97.36	141	0.01	98.63
73	5	0.03	97.39	294	0.02	98.65
74	11	0.07	97.47	744	0.05	98.71
75	1	0.01	97.47	164	0.01	98.72
76	2	0.01	97.49	32	0.00	98.72
77	5	0.03	97.52	136	0.01	98.73
78	7	0.05	97.57	336	0.02	98.75
79	2	0.01	97.58	57	0.00	98.76
80	2	0.01	97.59	116	0.01	98.77
81	3	0.02	97.61	352	0.03	98.79

Distance from Point of Origin to Point of Access to Transit (cont'd...)

82	4	0.03	97.64	383	0.03	98.82
83	1	0.01	97.65	24	0.00	98.82
84	6	0.04	97.69	618	0.04	98.87
85	5	0.03	97.72	421	0.03	98.90
86	4	0.03	97.75	192	0.01	98.91
87	4	0.03	97.77	274	0.02	98.93
88	4	0.03	97.80	84	0.01	98.94
89	3	0.02	97.82	331	0.02	98.96
90	1	0.01	97.83	16	0.00	98.96
91	2	0.01	97.84	45	0.00	98.97
92	2	0.01	97.85	200	0.01	98.98
93	4	0.03	97.88	270	0.02	99.00
94	6	0.04	97.92	308	0.02	99.02
95	2	0.01	97.93	151	0.01	99.03
96	3	0.02	97.96	190	0.01	99.05
97	1	0.01	97.96	28	0.00	99.05
98	3	0.02	97.98	71	0.01	99.05
99	3	0.02	98.00	73	0.01	99.06
100	5	0.03	98.04	121	0.01	99.07
101	3	0.02	98.06	60	0.00	99.07
102	2	0.01	98.07	46	0.00	99.08
103	1	0.01	98.08	30	0.00	99.08
104	7	0.05	98.12	177	0.01	99.09
105	2	0.01	98.14	47	0.00	99.09
106	4	0.03	98.16	387	0.03	99.12
107	2	0.01	98.18	44	0.00	99.13
108	2	0.01	98.19	47	0.00	99.13
109	2	0.01	98.20	42	0.00	99.13
110	2	0.01	98.22	41	0.00	99.13
111	5	0.03	98.25	256	0.02	99.15
112	4	0.03	98.28	89	0.01	99.16
113	3	0.02	98.30	67	0.00	99.16
114	1	0.01	98.30	21	0.00	99.17
115	3	0.02	98.32	240	0.02	99.18
116	1	0.01	98.33	21	0.00	99.18
117	4	0.03	98.36	288	0.02	99.21
118	8	0.05	98.41	176	0.01	99.22
119	1	0.01	98.42	21	0.00	99.22
120	3	0.02	98.44	201	0.01	99.23
121	6	0.04	98.48	260	0.02	99.25
123	5	0.03	98.51	124	0.01	99.26
124	5	0.03	98.55	461	0.03	99.30
125	3	0.02	98.57	67	0.00	99.30
126	1	0.01	98.57	21	0.00	99.30
127	2	0.01	98.59	42	0.00	99.31
128	2	0.01	98.60	208	0.02	99.32
129	1	0.01	98.61	21	0.00	99.32
130	1	0.01	98.61	21	0.00	99.32
131	3	0.02	98.63	299	0.02	99.34
132	2	0.01	98.65	247	0.02	99.36
133	2	0.01	98.66	214	0.02	99.38
135	4	0.03	98.69	84	0.01	99.38
136	2	0.01	98.70	44	0.00	99.39
137	5	0.03	98.73	251	0.02	99.41
138	1	0.01	98.74	21	0.00	99.41
139	1	0.01	98.75	160	0.01	99.42
140	2	0.01	98.76	199	0.01	99.43
142	2	0.01	98.77	51	0.00	99.44
143	1	0.01	98.78	21	0.00	99.44
144	2	0.01	98.79	38	0.00	99.44



## Distance from Point of Origin to Point of Access to Transit (cont'd...)

147	2	0.01	98.81	45	0.00	99.44
148	2	0.01	98.82	42	0.00	99.45
149	2	0.01	98.83	43	0.00	99.45
150	2	0.01	98.85	42	0.00	99.45
151	4	0.03	98.87	93	0.01	99.46
152	1	0.01	98.88	151	0.01	99.47
153	1	0.01	98.89	19	0.00	99.47
154	2	0.01	98.90	51	0.00	99.48
156	3	0.02	98.92	64	0.00	99.48
158	1	0.01	98.93	21	0.00	99.48
159	2	0.01	98.94	45	0.00	99.49
160	1	0.01	98.95	23	0.00	99.49
163	1	0.01	98.95	25	0.00	99.49
164	4	0.03	98.98	215	0.02	99.50
165	1	0.01	98.99	21	0.00	99.51
166	1	0.01	98.99	162	0.01	99.52
170	3	0.02	99.01	72	0.01	99.52
171	1	0.01	99.02	19	0.00	99.52
172	1	0.01	99.03	23	0.00	99.53
173	1	0.01	99.03	160	0.01	99.54
174	1	0.01	99.04	21	0.00	99.54
176	1	0.01	99.05	24	0.00	99.54
177	2	0.01	99.06	47	0.00	99.54
178	1	0.01	99.07	21	0.00	99.55
179	1	0.01	99.07	23	0.00	99.55
180	2	0.01	99.09	44	0.00	99.55
182	2	0.01	99.10	43	0.00	99.55
185	1	0.01	99.11	25	0.00	99.56
188	1	0.01	99.11	21	0.00	99.56
189	1	0.01	99.12	25	0.00	99.56
192	2	0.01	99.14	305	0.02	99.58
195	1	0.01	99.14	23	0.00	99.58
198	1	0.01	99.15	21	0.00	99.58
199	1	0.01	99.16	27	0.00	99.59
201	4	0.03	99.18	453	0.03	99.62
206	3	0.02	99.20	195	0.01	99.63
207	1	0.01	99.21	18	0.00	99.63
209	1	0.01	99.22	22	0.00	99.64
210	1	0.01	99.22	25	0.00	99.64
214	3	0.02	99.24	81	0.01	99.64
215	3	0.02	99.26	209	0.02	99.66
218	1	0.01	99.27	15	0.00	99.66
219	1	0.01	99.28	20	0.00	99.66
220	2	0.01	99.29	55	0.00	99.67
222	5	0.03	99.32	224	0.02	99.68
223	1	0.01	99.33	28	0.00	99.68
225	4	0.03	99.36	372	0.03	99.71
226	1	0.01	99.36	23	0.00	99.71
228	3	0.02	99.38	68	0.00	99.72
230	2	0.01	99.40	414	0.03	99.75
231	1	0.01	99.40	25	0.00	99.75
233	1	0.01	99.41	23	0.00	99.75
234	2	0.01	99.42	50	0.00	99.75
235	1	0.01	99.43	158	0.01	99.77
239	1	0.01	99.44	27	0.00	99.77
241	1	0.01	99.44	25	0.00	99.77
242	1	0.01	99.45	22	0.00	99.77
246	2	0.01	99.46	209	0.02	99.79
247	3	0.02	99.48	62	0.00	99.79
252	2	0.01	99.50	45	0.00	99.79



Distance from Point of Origin to Point of Access to Transit (cont'd...)

254	1	0.01	99.50	19	0.00	99.80
257	2	0.01	99.52	46	0.00	99.80
258	1	0.01	99.52	27	0.00	99.80
260	1	0.01	99.53	27	0.00	99.80
261	1	0.01	99.54	118	0.01	99.81
264	1	0.01	99.54	19	0.00	99.81
265	3	0.02	99.56	71	0.01	99.82
268	1	0.01	99.57	25	0.00	99.82
269	1	0.01	99.58	158	0.01	99.83
270	1	0.01	99.58	27	0.00	99.83
272	1	0.01	99.59	26	0.00	99.83
274	1	0.01	99.60	22	0.00	99.84
275	1	0.01	99.60	16	0.00	99.84
276	1	0.01	99.61	28	0.00	99.84
280	1	0.01	99.62	229	0.02	99.86
281	1	0.01	99.62	27	0.00	99.86
286	1	0.01	99.63	23	0.00	99.86
290	1	0.01	99.64	23	0.00	99.86
291	2	0.01	99.65	55	0.00	99.87
292	1	0.01	99.66	27	0.00	99.87
300	1	0.01	99.66	177	0.01	99.88
308	1	0.01	99.67	19	0.00	99.88
321	1	0.01	99.68	19	0.00	99.88
325	1	0.01	99.68	19	0.00	99.88
337	1	0.01	99.69	25	0.00	99.89
338	1	0.01	99.70	25	0.00	99.89
341	1	0.01	99.70	19	0.00	99.89
342	1	0.01	99.71	205	0.01	99.90
346	1	0.01	99.72	28	0.00	99.91
350	1	0.01	99.73	27	0.00	99.91
357	2	0.01	99.74	45	0.00	99.91
358	1	0.01	99.75	26	0.00	99.91
359	1	0.01	99.75	27	0.00	99.92
364	1	0.01	99.76	15	0.00	99.92
369	1	0.01	99.77	23	0.00	99.92
370	1	0.01	99.77	22	0.00	99.92
377	4	0.03	99.80	91	0.01	99.93
389	1	0.01	99.81	20	0.00	99.93
390	1	0.01	99.81	23	0.00	99.93
394	1	0.01	99.82	27	0.00	99.93
398	1	0.01	99.83	205	0.01	99.95
406	2	0.01	99.84	45	0.00	99.95
411	1	0.01	99.85	22	0.00	99.95
412	1	0.01	99.85	23	0.00	99.95
420	1	0.01	99.86	27	0.00	99.95
429	1	0.01	99.87	23	0.00	99.96
439	1	0.01	99.87	24	0.00	99.96
441	3	0.02	99.89	68	0.00	99.96
442	2	0.01	99.91	45	0.00	99.97
458	1	0.01	99.91	27	0.00	99.97
460	1	0.01	99.92	23	0.00	99.97
490	1	0.01	99.93	26	0.00	99.97
496	1	0.01	99.93	23	0.00	99.97
503	1	0.01	99.94	23	0.00	99.97
512	1	0.01	99.95	168	0.01	99.99
523	1	0.01	99.95	23	0.00	99.99
548	1	0.01	99.96	23	0.00	99.99
554	1	0.01	99.97	23	0.00	99.99
577	1	0.01	99.97	23	0.00	99.99
587	1	0.01	99.98	15	0.00	99.99

## Distance from Point of Origin to Point of Access to Transit (cont'd...)

598	1	0.01	99.99	23	0.00	100.00
621	1	0.01	99.99	25	0.00	100.00
1123	1	0.01	100.00	26	0.00	100.00

TOTAL	14915	1379842
MEAN	7.56	4.41

Variable name : egr\_mode (Egress mode - mode used to egress transit)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	3	0.02	0.02	346	0.03	0.03
C	Bicycle	7	0.05	0.07	708	0.05	0.08
D	Auto driver	807	5.41	5.48	44075	3.19	3.27
M	Motorcycle	4	0.03	5.50	260	0.02	3.29
P	Auto passenger	397	2.66	8.17	23870	1.73	5.02
S	School Bus	1	0.01	8.17	19	0.00	5.02
T	Taxi	27	0.18	8.35	2570	0.19	5.21
W	Walk	13668	91.64	99.99	1307961	94.79	100.00
I	Invalid	1	0.01	100.00	32	0.00	100.00

TOTAL	14915	1379841
-------	-------	---------

Variable name : egr\_mun (Area municipality of transit egress point)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	PD1-Metro	4323	28.98	28.98	374078	27.11	27.11
2	PD2-Metro	633	4.24	33.23	91307	6.62	33.73
3	PD3-Metro	548	3.67	36.90	83588	6.06	39.79
4	PD4-Metro	865	5.80	42.70	106662	7.73	47.52
5	PD5-Metro	317	2.13	44.83	31714	2.30	49.81
6	PD6-Metro	537	3.60	48.43	84457	6.12	55.93
7	PD7-Metro	171	1.15	49.57	15390	1.12	57.05
8	PD8-Metro	312	2.09	51.67	41909	3.04	60.09
9	PD9-Metro	224	1.50	53.17	18352	1.33	61.42
10	PD10-Metro	444	2.98	56.14	55471	4.02	65.44
11	PD11-Metro	688	4.61	60.76	52920	3.84	69.27
12	PD12-Metro	159	1.07	61.82	19782	1.43	70.71
13	PD13-Metro	680	4.56	66.38	79043	5.73	76.43
14	PD14-Metro	128	0.86	67.24	14366	1.04	77.48
15	PD15-Metro	236	1.58	68.82	19455	1.41	78.89
16	PD16-Metro	670	4.49	73.32	46462	3.37	82.25
20	Pickering	102	0.68	74.00	4246	0.31	82.56
21	Ajax	145	0.97	74.97	4425	0.32	82.88
22	Whitby	130	0.87	75.84	5716	0.41	83.30
23	Oshawa	129	0.86	76.71	13369	0.97	84.26
24	Newcastle	13	0.09	76.80	438	0.03	84.30
26	East Gwillimbury	3	0.02	76.82	74	0.01	84.30
27	Newmarket	49	0.33	77.14	3284	0.24	84.54
28	Aurora	54	0.36	77.51	1088	0.08	84.62
29	Richmond Hill	230	1.54	79.05	9488	0.69	85.31
30	Whitchurch-Stouffville	10	0.07	79.11	241	0.02	85.32
31	Markham	439	2.94	82.06	17748	1.29	86.61
32	King	5	0.03	82.09	249	0.02	86.63
33	Vaughan	332	2.23	84.32	9275	0.67	87.30
34	Caledon	3	0.02	84.34	80	0.01	87.31
35	Brampton	377	2.53	86.87	18728	1.36	88.66
36	Mississauga	847	5.68	92.54	58686	4.25	92.92
37	Halton Hills	14	0.09	92.64	1323	0.10	93.01

38	Milton	10	0.07	92.71	1394	0.10	93.11
39	Oakville	197	1.32	94.03	12678	0.92	94.03
40	Burlington	128	0.86	94.88	9544	0.69	94.72
42	Dundas	5	0.03	94.92	591	0.04	94.77
45	Stoney Creek	51	0.34	95.26	3581	0.26	95.03
46	Hamilton	651	4.36	99.62	65872	4.77	99.80
47	Durham fringe	8	0.05	99.68	360	0.03	99.83
48	York/Peel/Halton fring	15	0.10	99.78	344	0.02	99.85
49	Hamilton fringe	6	0.04	99.82	136	0.01	99.86
50	External	20	0.13	99.95	1422	0.10	99.96
99	Don't Know/Refused	7	0.05	100.00	503	0.04	100.00

TOTAL	14915	1379841
-------	-------	---------

Variable name : egr\_reg (Regional municipality of transit egress point)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
1	Metro	10935	73.32	73.32	1134958	82.25	82.25
2	Durham	519	3.48	76.80	28195	2.04	84.30
3	York	1122	7.52	84.32	41447	3.00	87.30
4	Peel	1227	8.23	92.54	77494	5.62	92.92
5	Halton	349	2.34	94.88	24939	1.81	94.72
6	Hamilton-Wentworth	707	4.74	99.62	70043	5.08	99.80
7	Fringe	29	0.19	99.82	840	0.06	99.86
8	External	20	0.13	99.95	1422	0.10	99.96
9	Don't Know/Refused	7	0.05	100.00	503	0.04	100.00

TOTAL	14915	1379841
MEAN	1.79	1.59

Variable name : egr\_m/100 (Straight line distance from point of egress from transit to point of destination in 1/10 of a kilometre)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		10177	68.23	68.23	972895	70.51	70.51
1		1020	6.84	75.07	98592	7.15	77.65
2		736	4.93	80.01	68923	5.00	82.65
3		400	2.68	82.69	38799	2.81	85.46
4		372	2.49	85.18	33054	2.40	87.86
5		373	2.50	87.68	33981	2.46	90.32
6		186	1.25	88.93	19328	1.40	91.72
7		135	0.91	89.84	13866	1.00	92.72
8		103	0.69	90.53	9213	0.67	93.39
9		56	0.38	90.90	5050	0.37	93.76
10		55	0.37	91.27	3261	0.24	93.99
11		39	0.26	91.53	4389	0.32	94.31
12		34	0.23	91.76	3057	0.22	94.53
13		60	0.40	92.16	3905	0.28	94.82
14		39	0.26	92.42	4172	0.30	95.12
15		39	0.26	92.69	3254	0.24	95.35
16		19	0.13	92.81	1326	0.10	95.45
17		22	0.15	92.96	2350	0.17	95.62
18		26	0.17	93.13	1498	0.11	95.73
19		27	0.18	93.32	3083	0.22	95.95
20		29	0.19	93.51	2047	0.15	96.10
21		34	0.23	93.74	2361	0.17	96.27
22		16	0.11	93.85	1683	0.12	96.39
23		23	0.15	94.00	1202	0.09	96.48
24		16	0.11	94.11	832	0.06	96.54
25		14	0.09	94.20	1117	0.08	96.62

## Distance from Point of Egress from Transit to Point of Destination (cont'd...)

26	19	0.13	94.33	736	0.05	96.68
27	23	0.15	94.48	1610	0.12	96.79
28	16	0.11	94.59	1499	0.11	96.90
29	29	0.19	94.78	1891	0.14	97.04
30	20	0.13	94.92	873	0.06	97.10
31	15	0.10	95.02	1089	0.08	97.18
32	24	0.16	95.18	639	0.05	97.23
33	13	0.09	95.27	787	0.06	97.28
34	14	0.09	95.36	290	0.02	97.30
35	17	0.11	95.47	1339	0.10	97.40
36	14	0.09	95.57	692	0.05	97.45
37	12	0.08	95.65	972	0.07	97.52
38	15	0.10	95.75	774	0.06	97.58
39	16	0.11	95.86	806	0.06	97.64
40	8	0.05	95.91	456	0.03	97.67
41	9	0.06	95.97	548	0.04	97.71
42	8	0.05	96.02	963	0.07	97.78
43	11	0.07	96.10	493	0.04	97.82
44	11	0.07	96.17	551	0.04	97.86
45	14	0.09	96.27	619	0.04	97.90
46	6	0.04	96.31	594	0.04	97.94
47	7	0.05	96.35	140	0.01	97.95
48	5	0.03	96.39	104	0.01	97.96
49	7	0.05	96.43	643	0.05	98.01
50	8	0.05	96.49	632	0.05	98.05
51	13	0.09	96.57	715	0.05	98.10
52	4	0.03	96.60	553	0.04	98.14
53	13	0.09	96.69	489	0.04	98.18
54	9	0.06	96.75	361	0.03	98.21
55	9	0.06	96.81	385	0.03	98.23
56	10	0.07	96.88	364	0.03	98.26
57	5	0.03	96.91	121	0.01	98.27
58	9	0.06	96.97	478	0.03	98.30
59	6	0.04	97.01	625	0.05	98.35
60	9	0.06	97.07	937	0.07	98.42
61	8	0.05	97.12	740	0.05	98.47
62	6	0.04	97.16	382	0.03	98.50
63	13	0.09	97.25	718	0.05	98.55
64	9	0.06	97.31	480	0.03	98.59
65	7	0.05	97.36	163	0.01	98.60
66	3	0.02	97.38	240	0.02	98.61
67	3	0.02	97.40	221	0.02	98.63
68	4	0.03	97.43	86	0.01	98.64
69	4	0.03	97.45	362	0.03	98.66
70	3	0.02	97.47	256	0.02	98.68
71	1	0.01	97.48	21	0.00	98.68
72	6	0.04	97.52	146	0.01	98.69
73	7	0.05	97.57	492	0.04	98.73
74	8	0.05	97.62	499	0.04	98.77
75	2	0.01	97.63	167	0.01	98.78
76	2	0.01	97.65	35	0.00	98.78
77	4	0.03	97.67	242	0.02	98.80
78	7	0.05	97.72	177	0.01	98.81
79	3	0.02	97.74	245	0.02	98.83
81	2	0.01	97.75	189	0.01	98.84
82	4	0.03	97.78	383	0.03	98.87
83	1	0.01	97.79	184	0.01	98.88
84	4	0.03	97.81	448	0.03	98.92
85	5	0.03	97.85	421	0.03	98.95
86	2	0.01	97.86	45	0.00	98.95



Distance from Point of Egress from Transit to Point of Destination (cont'd...)

87	4	0.03	97.89	274	0.02	98.97
88	5	0.03	97.92	104	0.01	98.98
89	4	0.03	97.95	210	0.02	98.99
90	4	0.03	97.98	93	0.01	99.00
91	3	0.02	98.00	209	0.02	99.01
92	2	0.01	98.01	200	0.01	99.03
93	2	0.01	98.02	51	0.00	99.03
94	4	0.03	98.05	257	0.02	99.05
95	2	0.01	98.06	151	0.01	99.06
96	5	0.03	98.10	237	0.02	99.08
97	3	0.02	98.12	83	0.01	99.09
98	2	0.01	98.13	39	0.00	99.09
99	2	0.01	98.14	52	0.00	99.09
100	2	0.01	98.16	45	0.00	99.10
101	4	0.03	98.18	87	0.01	99.10
102	2	0.01	98.20	46	0.00	99.10
104	7	0.05	98.24	351	0.03	99.13
105	2	0.01	98.26	47	0.00	99.13
106	3	0.02	98.28	361	0.03	99.16
107	2	0.01	98.29	41	0.00	99.16
108	2	0.01	98.30	47	0.00	99.17
110	1	0.01	98.31	21	0.00	99.17
111	5	0.03	98.34	256	0.02	99.19
112	3	0.02	98.36	64	0.00	99.19
113	4	0.03	98.39	88	0.01	99.20
114	3	0.02	98.41	62	0.00	99.20
115	3	0.02	98.43	241	0.02	99.22
116	1	0.01	98.44	21	0.00	99.22
117	3	0.02	98.46	69	0.01	99.23
118	7	0.05	98.50	155	0.01	99.24
119	2	0.01	98.52	42	0.00	99.24
120	2	0.01	98.53	47	0.00	99.24
121	6	0.04	98.57	267	0.02	99.26
123	7	0.05	98.62	327	0.02	99.29
124	6	0.04	98.66	485	0.04	99.32
125	3	0.02	98.68	74	0.01	99.33
126	3	0.02	98.70	68	0.00	99.33
127	2	0.01	98.71	42	0.00	99.33
128	1	0.01	98.72	21	0.00	99.34
129	1	0.01	98.73	21	0.00	99.34
130	1	0.01	98.73	21	0.00	99.34
131	3	0.02	98.75	302	0.02	99.36
132	1	0.01	98.76	27	0.00	99.36
135	5	0.03	98.79	110	0.01	99.37
136	2	0.01	98.81	45	0.00	99.37
137	2	0.01	98.82	42	0.00	99.38
138	1	0.01	98.83	21	0.00	99.38
139	1	0.01	98.83	160	0.01	99.39
140	2	0.01	98.85	199	0.01	99.41
141	2	0.01	98.86	41	0.00	99.41
142	3	0.02	98.88	71	0.01	99.41
143	1	0.01	98.89	21	0.00	99.41
144	2	0.01	98.90	40	0.00	99.42
146	1	0.01	98.91	21	0.00	99.42
147	3	0.02	98.93	243	0.02	99.44
148	1	0.01	98.93	21	0.00	99.44
149	3	0.02	98.95	63	0.00	99.44
150	1	0.01	98.96	21	0.00	99.44
151	4	0.03	98.99	93	0.01	99.45
152	2	0.01	99.00	175	0.01	99.46



Distance from Point of Egress from Transit to Point of Destination (cont'd...)

153	1	0.01	99.01	19	0.00	99.47
154	1	0.01	99.01	19	0.00	99.47
155	1	0.01	99.02	23	0.00	99.47
156	3	0.02	99.04	76	0.01	99.47
157	1	0.01	99.05	21	0.00	99.48
159	4	0.03	99.07	505	0.04	99.51
163	1	0.01	99.08	25	0.00	99.51
164	3	0.02	99.10	195	0.01	99.53
165	2	0.01	99.11	207	0.02	99.54
166	1	0.01	99.12	162	0.01	99.55
170	1	0.01	99.13	19	0.00	99.56
171	1	0.01	99.14	19	0.00	99.56
172	1	0.01	99.14	23	0.00	99.56
173	2	0.01	99.16	181	0.01	99.57
174	2	0.01	99.17	46	0.00	99.58
176	2	0.01	99.18	51	0.00	99.58
177	2	0.01	99.20	47	0.00	99.58
179	2	0.01	99.21	45	0.00	99.59
180	2	0.01	99.22	44	0.00	99.59
182	1	0.01	99.23	19	0.00	99.59
185	1	0.01	99.24	25	0.00	99.59
188	1	0.01	99.24	21	0.00	99.59
189	2	0.01	99.26	40	0.00	99.60
190	1	0.01	99.26	224	0.02	99.61
192	1	0.01	99.27	139	0.01	99.62
195	1	0.01	99.28	23	0.00	99.62
198	1	0.01	99.28	21	0.00	99.63
199	2	0.01	99.30	48	0.00	99.63
201	3	0.02	99.32	421	0.03	99.66
206	2	0.01	99.33	177	0.01	99.67
207	1	0.01	99.34	18	0.00	99.67
209	1	0.01	99.34	22	0.00	99.68
210	1	0.01	99.35	25	0.00	99.68
214	4	0.03	99.38	99	0.01	99.68
215	1	0.01	99.38	167	0.01	99.70
220	2	0.01	99.40	55	0.00	99.70
222	4	0.03	99.42	203	0.01	99.72
223	1	0.01	99.43	28	0.00	99.72
225	3	0.02	99.45	349	0.03	99.74
226	1	0.01	99.46	23	0.00	99.74
228	3	0.02	99.48	68	0.00	99.75
230	2	0.01	99.49	414	0.03	99.78
231	1	0.01	99.50	25	0.00	99.78
233	1	0.01	99.50	23	0.00	99.78
234	3	0.02	99.52	69	0.01	99.79
235	1	0.01	99.53	158	0.01	99.80
239	1	0.01	99.54	27	0.00	99.80
241	1	0.01	99.54	25	0.00	99.80
242	1	0.01	99.55	22	0.00	99.80
246	1	0.01	99.56	23	0.00	99.81
247	4	0.03	99.58	88	0.01	99.81
252	2	0.01	99.60	45	0.00	99.82
254	2	0.01	99.61	38	0.00	99.82
257	2	0.01	99.62	46	0.00	99.82
258	1	0.01	99.63	27	0.00	99.82
261	1	0.01	99.64	118	0.01	99.83
264	1	0.01	99.64	19	0.00	99.83
265	3	0.02	99.66	71	0.01	99.84
272	1	0.01	99.67	26	0.00	99.84
274	1	0.01	99.68	22	0.00	99.84

Distance from Point of Egress from Transit to Point of Destination (cont'd...)

275	1	0.01	99.68	16	0.00	99.84
276	1	0.01	99.69	28	0.00	99.85
280	1	0.01	99.70	229	0.02	99.86
281	1	0.01	99.70	27	0.00	99.86
286	1	0.01	99.71	23	0.00	99.87
291	2	0.01	99.73	55	0.00	99.87
292	1	0.01	99.73	27	0.00	99.87
300	1	0.01	99.74	177	0.01	99.88
306	1	0.01	99.75	19	0.00	99.89
321	1	0.01	99.75	19	0.00	99.89
325	1	0.01	99.76	19	0.00	99.89
337	1	0.01	99.77	25	0.00	99.89
338	1	0.01	99.77	25	0.00	99.89
341	1	0.01	99.78	19	0.00	99.89
342	2	0.01	99.79	393	0.03	99.92
346	1	0.01	99.80	28	0.00	99.92
350	1	0.01	99.81	27	0.00	99.93
357	2	0.01	99.82	45	0.00	99.93
358	1	0.01	99.83	26	0.00	99.93
359	1	0.01	99.83	27	0.00	99.93
369	1	0.01	99.84	23	0.00	99.93
370	1	0.01	99.85	22	0.00	99.94
376	1	0.01	99.85	205	0.01	99.95
377	4	0.03	99.88	91	0.01	99.96
386	1	0.01	99.89	27	0.00	99.96
390	1	0.01	99.89	23	0.00	99.96
411	1	0.01	99.90	22	0.00	99.96
412	1	0.01	99.91	23	0.00	99.96
429	1	0.01	99.91	23	0.00	99.97
439	1	0.01	99.92	24	0.00	99.97
442	2	0.01	99.93	45	0.00	99.97
458	1	0.01	99.94	27	0.00	99.97
460	1	0.01	99.95	23	0.00	99.97
466	1	0.01	99.95	181	0.01	99.99
496	1	0.01	99.96	23	0.00	99.99
503	1	0.01	99.97	23	0.00	99.99
523	1	0.01	99.97	23	0.00	99.99
554	1	0.01	99.98	23	0.00	99.99
574	1	0.01	99.99	30	0.00	100.00
577	1	0.01	99.99	23	0.00	100.00
598	1	0.01	100.00	23	0.00	100.00
TOTAL		14915		1379842		
MEAN		6.89		4.20		

Variable name : no\_trts (Total number of transit routes used for the trip - maximum of 5)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
9	Don't know/Refused	2	0.01	0.01	59	0.00	0.00
1		7198	48.26	48.27	637344	46.19	46.19
2		5708	38.27	86.54	560837	40.65	86.84
3		1764	11.83	98.37	164175	11.90	98.74
4		230	1.54	99.91	17106	1.24	99.98
5		13	0.09	100.00	320	0.02	100.00
TOTAL		14915			1379841		
MEAN		1.67			1.68		

Variable name : gor\_links (Total number of links on GO rail)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		13021	87.30	87.30	1273061	92.26	92.26
1		1894	12.70	100.00	106780	7.74	100.00
	TOTAL	14915			1379841		
	MEAN	0.13			0.08		

Variable name : gob\_links (Total number of links on GO bus)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		14243	95.49	95.49	1349821	97.82	97.82
1		663	4.45	99.94	29543	2.14	99.97
2		9	0.06	100.00	477	0.03	100.00
	TOTAL	14915			1379841		
	MEAN	0.05			0.02		

Variable name : sub\_links (Total number of links on subway or RT)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		7652	51.30	51.30	666606	48.31	48.31
1		6900	46.26	97.57	693124	50.23	98.54
2		362	2.43	99.99	20092	1.46	100.00
3		1	0.01	100.00	19	0.00	100.00
	TOTAL	14915			1379841		
	MEAN	0.51			0.53		

Variable name : ttcb\_link (Total number of links on TTC bus)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		7058	47.32	47.32	522214	37.85	37.85
1		5228	35.05	82.37	571242	41.40	79.25
2		2258	15.14	97.51	248980	18.04	97.29
3		361	2.42	99.93	36309	2.63	99.92
4		7	0.05	99.98	1017	0.07	99.99
5		3	0.02	100.00	80	0.01	100.00
	TOTAL	14915			1379841		
	MEAN	0.73			0.86		

Variable name : loc\_links (Total number of links on non-TTC local transit properties)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		12097	81.11	81.11	1185594	85.92	85.92
1		2091	14.02	95.13	142088	10.30	96.22
2		612	4.10	99.23	45022	3.26	99.48
3		104	0.70	99.93	6264	0.45	99.94
4		11	0.07	100.00	874	0.06	100.00
	TOTAL	14915			1379841		
	MEAN	0.25			0.18		

Variable name : oth\_links (Total number of links on other transit systems)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		14767	99.01	99.01	1365931	98.99	98.99
1		148	0.99	100.00	13910	1.01	100.00
	TOTAL	14915			1379841		
	MEAN	0.01			0.01		

Variable name : tran\_km (Straight line distance from point of access to point of egress in kilometres)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0		407	2.73	2.73	42892	3.11	3.11
1		1370	9.19	11.91	137872	9.99	13.10
2		1504	10.08	22.00	149698	10.85	23.95
3		1124	7.54	29.53	123689	8.96	32.91
4		985	6.60	36.14	114819	8.32	41.23
5		883	5.92	42.06	94522	6.85	48.08
6		813	5.45	47.51	88773	6.43	54.52
7		560	3.75	51.26	57515	4.17	58.69
8		589	3.95	55.21	67132	4.87	63.55
9		561	3.76	58.97	57574	4.17	67.72
10		431	2.89	61.86	44159	3.20	70.92
11		355	2.38	64.24	35270	2.56	73.48
12		504	3.38	67.62	47019	3.41	76.89
13		404	2.71	70.33	34269	2.48	79.37
14		433	2.90	73.24	39752	2.88	82.25
15		315	2.11	75.35	31602	2.29	84.54
16		283	1.90	77.24	26658	1.93	86.47
17		306	2.05	79.30	23060	1.67	88.15
18		227	1.52	80.82	19892	1.44	89.59
19		201	1.35	82.17	14014	1.02	90.60
20		242	1.62	83.79	12840	0.93	91.53
21		244	1.64	85.42	10835	0.79	92.32
22		174	1.17	86.59	7579	0.55	92.87
23		139	0.93	87.52	6430	0.47	93.33
24		183	1.23	88.75	8653	0.63	93.96
25		269	1.80	90.55	16202	1.17	95.14
26		90	0.60	91.16	5391	0.39	95.53
27		62	0.42	91.57	3195	0.23	95.76
28		45	0.30	91.87	1711	0.12	95.88
29		50	0.34	92.21	2389	0.17	96.06
30		76	0.51	92.72	3769	0.27	96.33
31		176	1.18	93.90	5851	0.42	96.75
32		137	0.92	94.82	7746	0.56	97.31
33		58	0.39	95.21	3058	0.22	97.54
34		38	0.25	95.46	1384	0.10	97.64
35		106	0.71	96.17	3022	0.22	97.85
36		42	0.28	96.45	1911	0.14	97.99
37		63	0.42	96.88	2178	0.16	98.15
38		15	0.10	96.98	1148	0.08	98.23
39		11	0.07	97.05	205	0.01	98.25
40		19	0.13	97.18	518	0.04	98.29
41		17	0.11	97.29	1291	0.09	98.38
42		53	0.36	97.65	2703	0.20	98.58
43		109	0.73	98.38	5236	0.38	98.96
44		12	0.08	98.46	572	0.04	99.00
45		19	0.13	98.59	1219	0.09	99.08



## Distance from Point of Origin to Point of Egress (cont'd...)

46	19	0.13	98.71	1029	0.07	99.16
47	25	0.17	98.88	1499	0.11	99.27
48	22	0.15	99.03	921	0.07	99.33
49	18	0.12	99.15	1010	0.07	99.41
50	19	0.13	99.28	695	0.05	99.46
51	7	0.05	99.32	633	0.05	99.50
52	13	0.09	99.41	490	0.04	99.54
53	5	0.03	99.44	242	0.02	99.56
54	6	0.04	99.48	139	0.01	99.57
55	1	0.01	99.49	22	0.00	99.57
56	2	0.01	99.50	40	0.00	99.57
57	15	0.10	99.60	1131	0.08	99.65
58	7	0.05	99.65	275	0.02	99.67
59	9	0.06	99.71	1390	0.10	99.77
60	4	0.03	99.74	503	0.04	99.81
62	2	0.01	99.75	37	0.00	99.81
63	4	0.03	99.78	96	0.01	99.82
64	1	0.01	99.79	31	0.00	99.82
65	2	0.01	99.80	37	0.00	99.83
81	1	0.01	99.81	22	0.00	99.83
91	1	0.01	99.81	33	0.00	99.83
92	2	0.01	99.83	278	0.02	99.85
94	2	0.01	99.84	377	0.03	99.88
96	1	0.01	99.85	26	0.00	99.88
100	2	0.01	99.86	51	0.00	99.88
105	1	0.01	99.87	23	0.00	99.88
117	2	0.01	99.88	64	0.00	99.89
124	1	0.01	99.89	25	0.00	99.89
133	4	0.03	99.91	623	0.05	99.94
150	1	0.01	99.92	31	0.00	99.94
151	2	0.01	99.93	190	0.01	99.95
164	1	0.01	99.94	19	0.00	99.95
168	4	0.03	99.97	409	0.03	99.98
171	1	0.01	99.97	21	0.00	99.98
175	1	0.01	99.98	20	0.00	99.99
255	3	0.02	100.00	193	0.01	100.00
TOTAL		14915		1379841		
MEAN		11.04		8.81		

Variable name : op\_code (Local transit operator)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	12097	81.11	81.11	1185594	85.92	85.92
20	Mississauga	759	5.09	86.20	54828	3.97	89.90
40	Brampton	328	2.20	88.39	15580	1.13	91.03
42	Oakville	139	0.93	89.33	9182	0.67	91.69
44	Milton	4	0.03	89.35	672	0.05	91.74
46	Burlington	82	0.55	89.90	5840	0.42	92.16
48	Hamilton	692	4.64	94.54	68568	4.97	97.13
60	Vaughan	139	0.93	95.47	3383	0.25	97.38
70	Richmond Hill	90	0.60	96.08	3982	0.29	97.67
72	Newmarket	28	0.19	96.27	1769	0.13	97.79
74	Aurora	21	0.14	96.41	408	0.03	97.82
80	Markham	183	1.23	97.63	8879	0.64	98.47
82	Pickering	46	0.31	97.94	1870	0.14	98.60
84	Ajax	112	0.75	98.69	3202	0.23	98.83
86	Whitby	74	0.50	99.19	3516	0.25	99.09
88	Oshawa	121	0.81	100.00	12569	0.91	100.00

## Local Transit Operator (cont'd...)

TOTAL 14915 1379841

Variable name : op\_1 (Transit operator for first route used in trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	133	0.89	0.89	12215	0.89	0.89
1	TTC Bus	4997	33.50	34.39	550177	39.87	40.76
2	TTC Streetcar	1192	7.99	42.39	132554	9.61	50.36
3	TTC Subway/SRT	4241	28.43	70.82	407200	29.51	79.87
4	GO Rail	1460	9.79	80.61	83101	6.02	85.90
5	GO Bus	423	2.84	83.45	19291	1.40	87.30
20	Mississauga	652	4.37	87.82	46191	3.35	90.64
40	Brampton	297	1.99	89.81	14129	1.02	91.67
42	Oakville	112	0.75	90.56	7364	0.53	92.20
44	Milton	4	0.03	90.59	672	0.05	92.25
46	Burlington	74	0.50	91.08	5719	0.41	92.66
48	Hamilton	690	4.63	95.71	68404	4.96	97.62
60	Vaughan	104	0.70	96.41	2471	0.18	97.80
70	Richmond Hill	76	0.51	96.92	3250	0.24	98.04
72	Newmarket	28	0.19	97.10	1769	0.13	98.16
74	Aurora	19	0.13	97.23	371	0.03	98.19
80	Markham	132	0.89	98.12	6195	0.45	98.64
82	Pickering	30	0.20	98.32	1230	0.09	98.73
84	Ajax	73	0.49	98.81	2091	0.15	98.88
86	Whitby	62	0.42	99.22	2998	0.22	99.10
88	Oshawa	116	0.78	100.00	12450	0.90	100.00

TOTAL 14915 1379841

Variable name : op\_2 (Transit operator for second route used in trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	7217	48.39	48.39	638845	46.30	46.30
1	TTC Bus	2754	18.46	66.85	301402	21.84	68.14
2	TTC Streetcar	433	2.90	69.76	47063	3.41	71.55
3	TTC Subway/SRT	2994	20.07	89.83	300588	21.78	93.34
4	GO Rail	402	2.70	92.52	21729	1.57	94.91
5	GO Bus	211	1.41	93.94	9200	0.67	95.58
20	Mississauga	323	2.17	96.10	19862	1.44	97.02
40	Brampton	95	0.64	96.74	5397	0.39	97.41
42	Oakville	38	0.25	97.00	2386	0.17	97.58
46	Burlington	21	0.14	97.14	1001	0.07	97.65
48	Hamilton	235	1.58	98.71	21929	1.59	99.24
60	Vaughan	23	0.15	98.87	671	0.05	99.29
70	Richmond Hill	21	0.14	99.01	1114	0.08	99.37
72	Newmarket	2	0.01	99.02	352	0.03	99.40
80	Markham	51	0.34	99.36	2601	0.19	99.59
82	Pickering	18	0.12	99.48	684	0.05	99.64
84	Ajax	30	0.20	99.68	752	0.05	99.69
86	Whitby	16	0.11	99.79	621	0.05	99.74
88	Oshawa	31	0.21	100.00	3646	0.26	100.00

TOTAL 14915 1379841

Variable name : op\_3 (Transit operator for third route used in trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	12915	86.59	86.59	1198894	86.89	86.89
1	TTC Bus	1106	7.42	94.01	117123	8.49	95.37
2	TTC Streetcar	190	1.27	95.28	19526	1.42	96.79
3	TTC Subway/SRT	374	2.51	97.79	25039	1.81	98.60
4	GO Rail	31	0.21	98.00	1927	0.14	98.74
5	GO Bus	43	0.29	98.28	1779	0.13	98.87
20	Mississauga	139	0.93	99.22	9562	0.69	99.57
40	Brampton	27	0.18	99.40	752	0.05	99.62
42	Oakville	11	0.07	99.47	847	0.06	99.68
46	Burlington	5	0.03	99.50	276	0.02	99.70
48	Hamilton	21	0.14	99.64	1967	0.14	99.84
60	Vaughan	18	0.12	99.77	391	0.03	99.87
70	Richmond Hill	7	0.05	99.81	374	0.03	99.90
74	Aurora	2	0.01	99.83	37	0.00	99.90
80	Markham	10	0.07	99.89	698	0.05	99.95
82	Pickering	4	0.03	99.92	229	0.02	99.97
84	Ajax	7	0.05	99.97	308	0.02	99.99
86	Whitby	4	0.03	99.99	80	0.01	100.00
88	Oshawa	1	0.01	100.00	28	0.00	100.00
TOTAL		14915			1379841		

Variable name : op\_4 (Transit operator for fourth route used in trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	14671	98.36	98.36	1362213	98.72	98.72
1	TTC Bus	146	0.98	99.34	11460	0.83	99.55
2	TTC Streetcar	36	0.24	99.58	2905	0.21	99.76
3	TTC Subway/SRT	17	0.11	99.70	513	0.04	99.80
4	GO Rail	1	0.01	99.70	23	0.00	99.80
5	GO Bus	4	0.03	99.73	227	0.02	99.82
20	Mississauga	20	0.13	99.87	1606	0.12	99.94
40	Brampton	8	0.05	99.92	625	0.05	99.98
42	Oakville	1	0.01	99.93	15	0.00	99.98
46	Burlington	1	0.01	99.93	15	0.00	99.98
60	Vaughan	2	0.01	99.95	41	0.00	99.99
80	Markham	1	0.01	99.95	21	0.00	99.99
82	Pickering	1	0.01	99.96	23	0.00	99.99
84	Ajax	5	0.03	99.99	125	0.01	100.00
88	Oshawa	1	0.01	100.00	28	0.00	100.00
TOTAL		14915			1379841		

Variable name : op\_5 (Transit operator for fifth route used in trip)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not Applicable	14896	99.87	99.87	1379382	99.97	99.97
1	TTC Bus	14	0.09	99.97	342	0.02	99.99
2	TTC Streetcar	2	0.01	99.98	42	0.00	99.99
3	TTC Subway/SRT	1	0.01	99.99	25	0.00	100.00
82	Pickering	1	0.01	99.99	23	0.00	100.00
88	Oshawa	1	0.01	100.00	28	0.00	100.00
TOTAL		14915			1379841		

## CONTROL TOTALS FOR TTS VERSION 2.1

### TRANSIT ROUTE USAGE

The following tabulations are "Total Transit Route Usage" stratified by various categories. The "# RECORDS" figures are the actual number of records in the TTS TRANSIT ROUTE USAGE files. The "FREQUENCY" figures are the expanded results representing the universe. Minor differences in the expanded total are due to rounding errors.

Variable name : op\_code (Total boardings by operator code)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
0	Not applicable	159	0.64	0.64	14490	0.62	0.62
1	TTC Bus	9010	36.20	36.84	980019	42.21	42.84
2	TTC Streetcar	1852	7.44	44.28	202069	8.70	51.54
3	TTC Subway/SRT	7625	30.63	74.91	733312	31.59	83.13
4	GO Rail	1893	7.61	82.52	106761	4.60	87.73
5	GO Bus	681	2.74	85.25	30498	1.31	89.04
20	Mississauga	1134	4.56	89.81	77222	3.33	92.37
40	Brampton	427	1.72	91.52	20903	0.90	93.27
42	Oakville	162	0.65	92.17	10612	0.46	93.72
44	Milton	4	0.02	92.19	672	0.03	93.75
46	Burlington	101	0.41	92.60	7010	0.30	94.06
48	Hamilton	946	3.80	96.40	92299	3.98	98.03
60	Vaughan	147	0.59	96.99	3574	0.15	98.19
70	Richmond Hill	104	0.42	97.40	4738	0.20	98.39
72	Newmarket	30	0.12	97.53	2121	0.09	98.48
74	Aurora	21	0.08	97.61	408	0.02	98.50
80	Markham	194	0.78	98.39	9515	0.41	98.91
82	Pickering	54	0.22	98.61	2189	0.09	99.00
84	Ajax	115	0.46	99.07	3277	0.14	99.14
86	Whitby	82	0.33	99.40	3700	0.16	99.30
88	Oshawa	150	0.60	100.00	16178	0.70	100.00
TOTAL		24891			2321567		

Variable name : route (Transit route code)

Val.	Description	# Recs.	%	cum %	Exp. freq.	%	cum %
20	ANGLESEY/RATHBURN(TTC)	23	0.09	0.09	3371	0.15	0.15
30	ANCASTER PARK (TTC)	2	0.01	0.10	331	0.01	0.16
40	ANNETTE/DUPONT (TTC)	22	0.09	0.19	3308	0.14	0.30
50	AVENUE (TTC)	41	0.16	0.35	7258	0.31	0.61
60	BAY (TTC)	122	0.49	0.84	8691	0.37	0.99
70	BATHURST (TTC)	144	0.58	1.42	20764	0.89	1.88
80	BROADVIEW (TTC)	24	0.10	1.52	3706	0.16	2.04
90	BELLAMY (TTC)	25	0.10	1.62	3806	0.16	2.21
100	VAN HORNE (TTC)	6	0.02	1.64	757	0.03	2.24
110	BAYVIEW (TTC)	16	0.06	1.71	1803	0.08	2.32
120	KINGSTON (TTC)	53	0.21	1.92	6131	0.26	2.58
130	ROUGE HILL (TTC)	36	0.14	2.07	827	0.04	2.62
140	GLENCAIRN (TTC)	13	0.05	2.12	2208	0.10	2.71
150	EVANS (TTC)	23	0.09	2.21	3316	0.14	2.85
160	MCCOWAN (TTC)	139	0.56	2.77	9716	0.42	3.27
170	BIRCHMOUNT (TTC)	78	0.31	3.08	11071	0.48	3.75



## Transit Route code (cont'd...)

180 CALEDONIA (TTC)	38	0.15	3.23	5337	0.23	3.98
190 CHURCH (TTC)	17	0.07	3.30	649	0.03	4.01
200 CLIFFSIDE (TTC)	72	0.29	3.59	8412	0.36	4.37
210 BRIMLEY (TTC)	42	0.17	3.76	4660	0.20	4.57
220 COXWELL (TTC)	44	0.18	3.94	5802	0.25	4.82
230 DAWES (TTC)	21	0.08	4.02	3936	0.17	4.99
240 VICTORIA PARK (TTC)	137	0.55	4.57	20684	0.89	5.88
250 DON MILLS (TTC)	190	0.76	5.34	19523	0.84	6.72
260 BAYVIEW NORTH (TTC)	10	0.04	5.38	1280	0.06	6.78
280 DAVISVILLE (TTC)	28	0.11	5.49	3467	0.15	6.93
290 DUFFERIN (TTC)	220	0.88	6.37	32814	1.41	8.34
300 LAMBTON (TTC)	14	0.06	6.43	1962	0.08	8.42
310 GREENWOOD (TTC)	33	0.13	6.56	5915	0.25	8.68
320 EGLINTON WEST (TTC)	236	0.95	7.51	33022	1.42	10.10
330 FOREST HILL (TTC)	10	0.04	7.55	1620	0.07	10.17
340 EGLINTON EAST (TTC)	211	0.85	8.40	22556	0.97	11.14
350 JANE (TTC)	212	0.85	9.25	35216	1.52	12.66
360 FINCH WEST (TTC)	318	1.28	10.53	30568	1.32	13.98
370 ISLINGTON (TTC)	91	0.37	10.89	11828	0.51	14.49
390 FINCH EAST (TTC)	255	1.02	11.92	25997	1.12	15.61
400 JUNCTION (TTC)	26	0.10	12.02	2408	0.10	15.71
410 KEELE (TTC)	134	0.54	12.56	16725	0.72	16.43
420 CUMMER/MCNICOLL (TTC)	59	0.24	12.80	8014	0.35	16.78
430 KENNEDY (TTC)	88	0.35	13.15	11615	0.50	17.28
440 KIPLING SOUTH (TTC)	40	0.16	13.31	4633	0.20	17.48
450 KIPLING/BELFIELD (TTC)	183	0.74	14.05	14231	0.61	18.09
460 MARTINGROVE (TTC)	37	0.15	14.19	4592	0.20	18.29
470 LANSDOWNE (TTC)	61	0.25	14.44	9070	0.39	18.68
480 HUMBER (TTC)	16	0.06	14.50	2834	0.12	18.80
490 BLOOR WEST (TTC)	23	0.09	14.60	3754	0.16	18.96
500 BURNHAMTHORPE (TTC)	14	0.06	14.65	1927	0.08	19.04
510 LESLIE (TTC)	30	0.12	14.77	3479	0.15	19.19
520 LAWRENCE WEST (TTC)	153	0.61	15.39	22345	0.96	20.16
530 STEELES EAST (TTC)	315	1.27	16.65	14574	0.63	20.78
540 LAWRENCE EAST (TTC)	242	0.97	17.62	27098	1.17	21.95
560 LEASIDE (TTC)	21	0.08	17.71	2988	0.13	22.08
570 MIDLAND (TTC)	136	0.55	18.26	8892	0.38	22.46
580 MALTON/DIXON (TTC)	52	0.21	18.46	7223	0.31	22.77
590 MAPLE LEAF (TTC)	10	0.04	18.50	1912	0.08	22.86
600 STEELES WEST (TTC)	258	1.04	19.54	16410	0.71	23.56
610 NORTOWN WEST (TTC)	16	0.06	19.61	2029	0.09	23.65
620 MORTIMER (TTC)	11	0.04	19.65	1937	0.08	23.73
630 OSSINGTON (TTC)	138	0.55	20.20	21053	0.91	24.64
640 MAIN (TTC)	43	0.17	20.38	7347	0.32	24.96
650 PARLIAMENT (TTC)	37	0.15	20.53	3541	0.15	25.11
660 PRINCE EDWARD (TTC)	15	0.06	20.59	1359	0.06	25.17
670 PHARMACY (TTC)	38	0.15	20.74	6879	0.30	25.46
680 WARDEN (TTC)	109	0.44	21.18	14939	0.64	26.11
690 WARDEN SOUTH (TTC)	29	0.12	21.29	4553	0.20	26.30
700 O'CONNOR (TTC)	13	0.05	21.35	1792	0.08	26.38
710 RUNNYMEDE (TTC)	35	0.14	21.49	4819	0.21	26.59
720 PAPE (TTC)	46	0.18	21.67	7130	0.31	26.90
730 ROYAL YORK (TTC)	40	0.16	21.83	5287	0.23	27.12
740 MT. PLEASANT (TTC)	18	0.07	21.90	2260	0.10	27.22
750 SHERBOURNE (TTC)	67	0.27	22.17	6026	0.26	27.48
760 ROYAL YORK SOUTH (TTC)	68	0.27	22.45	5248	0.23	27.71
770 SPADINA (TTC)	194	0.78	23.23	17140	0.74	28.45
780 ST. ANDREWS (TTC)	14	0.06	23.28	2020	0.09	28.53
790 SCARLETT (TTC)	13	0.05	23.33	2518	0.11	28.64
800 QUEENSWAY (TTC)	18	0.07	23.41	1706	0.07	28.71

## Transit Route code (cont'd...)

810	THORNCLIFFE PARK (TTC)	42	0.17	23.57	8092	0.35	29.06
820	ROSEDALE (TTC)	20	0.08	23.66	2453	0.11	29.17
830	JONES (TTC)	21	0.08	23.74	3528	0.15	29.32
840	SHEPPARD WEST (TTC)	84	0.34	24.08	8723	0.38	29.70
850	SHEPPARD EAST (TTC)	290	1.17	25.24	25614	1.10	30.80
860	SCARBOROUGH (TTC)	104	0.42	25.66	9385	0.40	31.20
870	COSBURN (TTC)	18	0.07	25.73	3074	0.13	31.34
880	SOUTH LEASIDE (TTC)	17	0.07	25.80	2831	0.12	31.46
890	WESTON (TTC)	38	0.15	25.95	6685	0.29	31.75
900	VAUGHAN (TTC)	35	0.14	26.09	4048	0.17	31.92
910	WOODBINE (TTC)	29	0.12	26.21	4558	0.20	32.12
920	WOODBINE SOUTH (TTC)	13	0.05	26.26	1702	0.07	32.19
940	WELLESLEY/HARBORD (TTC)	137	0.55	26.81	18779	0.81	33.00
950	YORK MILLS/ELLESMERE	213	0.86	27.67	27602	1.19	34.19
960	WILSON (TTC)	193	0.78	28.44	26253	1.13	35.32
970	YONGE/DOWNTOWN (TTC)	53	0.21	28.66	3959	0.17	35.49
980	WILLOWDALE/SENLAC (TTC)	26	0.10	28.76	3006	0.13	35.62
990	CLAYSON (TTC)	9	0.04	28.80	1011	0.04	35.66
1000	FLEMINGDON PARK (TTC)	64	0.26	29.05	4676	0.20	35.86
1020	MARKHAM (TTC)	98	0.39	29.45	10726	0.46	36.33
1030	NORTOWN EAST (TTC)	10	0.04	29.49	1774	0.08	36.40
1040	FAYWOOD (TTC)	9	0.04	29.52	1103	0.05	36.45
1050	WILSON HEIGHTS (TTC)	71	0.29	29.81	4883	0.21	36.66
1060	YORK UNIVERSITY (TTC)	153	0.61	30.42	12144	0.52	37.18
1070	KEELE NORTH (TTC)	64	0.26	30.68	4098	0.18	37.36
1080	DOWNSVIEW (TTC)	20	0.08	30.76	3597	0.15	37.51
1090	MARLEE/RANEE (TTC)	25	0.10	30.86	4450	0.19	37.71
1100	ISLINGTON SOUTH (TTC)	42	0.17	31.03	5644	0.24	37.95
1110	EAST MALL (TTC)	34	0.14	31.17	5380	0.23	38.18
1120	WEST MALL (TTC)	22	0.09	31.26	3601	0.16	38.34
1130	DANFORTH (TTC)	25	0.10	31.36	3409	0.15	38.48
1150	SILVER HILLS (TTC)	3	0.01	31.37	638	0.03	38.51
1160	MORNINGSIDE (TTC)	120	0.48	31.85	9575	0.41	38.92
1170	ALNESS (TTC)	26	0.10	31.96	2429	0.10	39.03
1180	FINCH VIA ALLEN (TTC)	7	0.03	31.98	707	0.03	39.06
1190	GRANDRAVINE (TTC)	13	0.05	32.04	2522	0.11	39.17
1200	CALVINGTON (TTC)	4	0.02	32.05	368	0.02	39.18
1210	FRONT - ESPLANADE (TTC)	17	0.07	32.12	502	0.02	39.20
1220	GRAYDON HALL (TTC)	7	0.03	32.15	1226	0.05	39.26
1230	SHORNCLIFFE (TTC)	16	0.06	32.21	2881	0.12	39.38
1240	SUNNYBROOK (TTC)	10	0.04	32.25	1165	0.05	39.43
1250	DREWRY (TTC)	21	0.08	32.34	3617	0.16	39.59
1260	CHRISTIE (TTC)	31	0.12	32.46	4897	0.21	39.80
1270	DAVENPORT (TTC)	21	0.08	32.55	3517	0.15	39.95
1280	BRIMLEY NORTH (TTC)	143	0.57	33.12	5042	0.22	40.17
1290	MCCOWAN NORTH (TTC)	294	1.18	34.30	11590	0.50	40.67
1300	MIDDLEFIELD (TTC)	39	0.16	34.46	1415	0.06	40.73
1310	NUGGET (TTC)	103	0.41	34.87	5124	0.22	40.95
1320	MILNER (TTC)	28	0.11	34.98	1428	0.06	41.01
1330	NEILSON (TTC)	98	0.39	35.38	6967	0.30	41.31
1340	TAPSCOTT (TTC)	40	0.16	35.54	3879	0.17	41.48
1350	GERRARD (TTC)	4	0.02	35.56	656	0.03	41.50
1360	PREMIUM EXPRESS/WYFORD	10	0.04	35.60	602	0.03	41.53
1380	SOUTH KINGSWAY (TTC)	1	0.00	35.60	153	0.01	41.54
1390	HUNTINGWOOD (TTC)	4	0.02	35.62	710	0.03	41.57
1400	DOWNTOWN EXPRESS (TTC)	1	0.00	35.62	30	0.00	41.57
1410	DOWNTOWN EXPRESS (TTC)	6	0.02	35.64	1007	0.04	41.61
1420	DOWNTOWN EXPRESS (TTC)	6	0.02	35.67	1057	0.05	41.66
1430	DOWNTOWN EXPRESS (TTC)	3	0.01	35.68	207	0.01	41.67
1600	BATHURST NORTH (TTC)	26	0.10	35.78	1491	0.06	41.73

## Transit Route code (cont'd...)

1620	LAWRENCE/DONWAY (TTC)	4	0.02	35.80	388	0.02	41.75
1650	WESTON (TTC)	44	0.18	35.98	6347	0.27	42.02
1670	CONSUMERS (TTC)	3	0.01	35.99	238	0.01	42.03
1900	CITY CENTRE EXPRESS	1	0.00	35.99	20	0.00	42.03
1910	HIGHWAY 27 EXPRESS	17	0.07	36.06	1732	0.07	42.11
2000	MISSISSAUGA GENERA	26	0.10	36.17	1604	0.07	42.18
2010	DUNDAS (Miss.)	91	0.37	36.53	10156	0.44	42.61
2020	HURONTARIO (Miss.)	87	0.35	36.88	6640	0.29	42.90
2030	BLOOR (Miss.)	43	0.17	37.05	5321	0.23	43.13
2040	APPLEWOOD (Miss.)	26	0.10	37.16	2823	0.12	43.25
2050	DIXIE (Miss.)	20	0.08	37.24	1707	0.07	43.32
2060	CREDIT WOODLANDS (Miss.)	12	0.05	37.29	587	0.03	43.35
2070	AIRPORT (Miss.)	19	0.08	37.36	1106	0.05	43.40
2080	CAWTHRA (Miss.)	15	0.06	37.42	1759	0.08	43.47
2090	STREETSVILLE (Miss.)	41	0.16	37.59	1243	0.05	43.53
2100	MEADOW (Miss.)	16	0.06	37.65	403	0.02	43.54
2110	MALTON EXPRESS (Miss.)	11	0.04	37.70	1235	0.05	43.60
2120	REXDALE (Miss.)	7	0.03	37.72	709	0.03	43.63
2130	CLARKSON (Miss.)	21	0.08	37.81	2411	0.10	43.73
2150	MALTON INDUSTRIAL	2	0.01	37.82	64	0.00	43.73
2160	MALTON EAST (Miss.)	2	0.01	37.82	380	0.02	43.75
2170	DIXIE INDUSTRIAL SOUTH	9	0.04	37.86	1699	0.07	43.82
2190	BRAMPTON (Miss.)	51	0.20	38.07	2416	0.10	43.93
2200	RATHBURN (Miss.)	22	0.09	38.15	2320	0.10	44.03
2220	HUMBER COLLEGE (Miss.)	16	0.06	38.22	840	0.04	44.06
2230	LAKE SHORE (Miss.)	11	0.04	38.26	1110	0.05	44.11
2240	MEADOWVALE (Miss.)	19	0.08	38.34	979	0.04	44.15
2250	BRITTANIA INDUSTRIAL	9	0.04	38.38	544	0.02	44.18
2260	BURNHAMTHORPE WEST	58	0.23	38.61	2844	0.12	44.30
2270	DUNDAS EXPRESS (Miss.)	14	0.06	38.66	753	0.03	44.33
2280	CONFEDERATION (Miss.)	29	0.12	38.78	807	0.03	44.37
2290	HOMELANDS (Miss.)	9	0.04	38.82	596	0.03	44.39
2340	EGLINTON WEST (Miss.)	83	0.33	39.15	2245	0.10	44.49
2350	DERRY INDUSTRIAL (Miss.)	4	0.02	39.17	748	0.03	44.52
2360	BURNHAMTHORPE (Miss.)	63	0.25	39.42	4993	0.22	44.74
2370	ERIN MILLS WEST (Miss.)	20	0.08	39.50	772	0.03	44.77
2380	CREDITVIEW (Miss.)	37	0.15	39.65	1103	0.05	44.82
2390	BRITTANIA (Miss.)	2	0.01	39.66	41	0.00	44.82
2400	MALTON (Miss.)	6	0.02	39.68	1141	0.05	44.87
2410	PORT CREDIT (Miss.)	7	0.03	39.71	176	0.01	44.87
2420	DERRY WEST (Miss.)	9	0.04	39.75	969	0.04	44.92
2440	FALCONER (Miss.)	21	0.08	39.83	2260	0.10	45.01
2450	SHERIDAN PARK (Miss.)	2	0.01	39.84	364	0.02	45.03
2470	COLLEGEWAY (Miss.)	8	0.03	39.87	186	0.01	45.04
2480	ERIN MILLS PARKWAY	46	0.18	40.05	2861	0.12	45.16
2510	TOMKEN (Miss.)	16	0.06	40.12	2092	0.09	45.25
2520	MEYERSIDE INDUSTRIAL	2	0.01	40.13	49	0.00	45.25
2530	KENNEDY (Miss.)	4	0.02	40.14	211	0.01	45.26
2550	DIXIE INDUSTRIAL (Miss.)	8	0.03	40.18	448	0.02	45.28
2600	DUNDAS EXPRESS (Miss.)	2	0.01	40.18	50	0.00	45.28
2660	FOLKWAY (Miss.)	5	0.02	40.20	490	0.02	45.30
2670	HEARTLAND (Miss.)	9	0.04	40.24	184	0.01	45.31
2680	BRISTOL (Miss.)	22	0.09	40.33	460	0.02	45.33
2810	DUNDAS EXPRESS (Miss.)	4	0.02	40.34	401	0.02	45.35
2860	BURNHAMTHORPE EXPRESS	82	0.33	40.67	3108	0.13	45.48
2870	AIRPORT EXPRESS (Miss.)	4	0.02	40.69	90	0.00	45.49
2999	SHUTTLE-ERIN MILLS	8	0.03	40.72	332	0.01	45.50
3000	BLOOR/DANFORTH (TTC)	3	0.01	40.73	360	0.02	45.52
3020	DANFORTH/MCCOWAN (TTC)	1	0.00	40.74	139	0.01	45.52
3090	FINCH WEST (NIGHT)	2	0.01	40.75	57	0.00	45.53



## Transit Route code (cont'd...)

3200	YONGE (TTC)	2	0.01	40.75	329	0.01	45.54
4000	BRAMPTON GENERAL (Bram)	9	0.04	40.79	411	0.02	45.56
4001	QUEEN (Brampton)	95	0.38	41.17	3206	0.14	45.70
4002	MAIN (Brampton)	68	0.27	41.44	2628	0.11	45.81
4003	MCLAUGHLIN (Brampton)	6	0.02	41.47	253	0.01	45.82
4007	KENNEDY (Brampton)	55	0.22	41.69	2813	0.12	45.94
4008	CENTRE (Brampton)	26	0.10	41.79	1390	0.06	46.00
4009	VODDEN (Brampton)	3	0.01	41.81	60	0.00	46.00
4010	INDUSTRIAL (Brampton)	3	0.01	41.82	383	0.02	46.02
4011	STEELES (Brampton)	16	0.06	41.88	446	0.02	46.04
4012	GRENOBLE (Brampton)	12	0.05	41.93	1935	0.08	46.12
4014	TORBRAM (Brampton)	18	0.07	42.00	1125	0.05	46.17
4015	BRAMALEA (Brampton)	16	0.06	42.07	2161	0.09	46.26
4017	HOWDEN (Brampton)	14	0.06	42.12	289	0.01	46.28
4018	DIXIE (Brampton)	16	0.06	42.19	1618	0.07	46.35
4020	EAST INDUSTRIAL (Bramp)	1	0.00	42.19	20	0.00	46.35
4030	AIRPORT INDUSTRIAL	2	0.01	42.20	40	0.00	46.35
4077	HIGHWAY 7/CENTRE ST	66	0.27	42.47	2104	0.09	46.44
4090	CENTRAL PARK (Brampton)	1	0.00	42.47	23	0.00	46.44
4200	OAKVILLE GENERAL	11	0.04	42.51	163	0.01	46.45
4211	LINBROOK/EASTLAKE	10	0.04	42.55	986	0.04	46.49
4214	SHERIDAN/LAKESHORE	31	0.12	42.68	2637	0.11	46.60
4215	BRIDGE (Oakville)	8	0.03	42.71	540	0.02	46.63
4216	SPEERS (Oakville)	11	0.04	42.75	1818	0.08	46.71
4217	WHITE OAKS/QUEEN M	10	0.04	42.79	1380	0.06	46.76
4218	GLEN ABBEY (Oakville)	22	0.09	42.88	327	0.01	46.78
4219	RIVER OAKS (Oakville)	24	0.10	42.98	978	0.04	46.82
4220	UPPER IROQUOIS N. (Oak)	13	0.05	43.03	1083	0.05	46.87
4221	CLEARVIEW NORTH/S. (Oak)	20	0.08	43.11	305	0.01	46.88
4230	Bus) SPECIAL (Oakville)	2	0.01	43.12	395	0.02	46.90
4400	MILTON GENERAL (Milton)	2	0.01	43.13	336	0.01	46.91
4404	NORTH EAST (Milton)	2	0.01	43.14	336	0.01	46.93
4600	BURLINGTON GENERAL	2	0.01	43.14	402	0.02	46.94
4601	FAIRVIEW/NEW (Burling)	36	0.14	43.29	1586	0.07	47.01
4602	BRANT/GUELPH LINE	40	0.16	43.45	2697	0.12	47.13
4604	PINEDALE/ALDERSHOT	15	0.06	43.51	2174	0.09	47.22
4606	TYANDAGA (Burlington)	8	0.03	43.54	151	0.01	47.23
4800	HAMILTON GENERAL	6	0.02	43.57	871	0.04	47.27
4801	KING (Hamilton)	118	0.47	44.04	16909	0.73	47.99
4802	BARTON (Hamilton)	65	0.26	44.30	10453	0.45	48.44
4803	CANNON (Hamilton)	20	0.08	44.38	2937	0.13	48.57
4804	BAYFRONT (Hamilton)	8	0.03	44.41	1125	0.05	48.62
4805	DELAWARE (Hamilton)	107	0.43	44.84	16046	0.69	49.31
4806	ABERDEEN (Hamilton)	10	0.04	44.88	2053	0.09	49.40
4807	LOCKE (Hamilton)	12	0.05	44.93	2325	0.10	49.50
4808	YORK (Hamilton)	4	0.02	44.95	712	0.03	49.53
4810	BEE-LINE (Hamilton)	19	0.08	45.02	2136	0.09	49.62
4811	PARKDALE (Hamilton)	21	0.08	45.11	2565	0.11	49.73
4815	SHERMAN OTTAWA (Hamil)	4	0.02	45.12	74	0.00	49.74
4821	UPPER KENILWORTH (Ham)	25	0.10	45.23	2544	0.11	49.85
4822	UPPER OTTAWA (Hamilton)	35	0.14	45.37	2340	0.10	49.95
4823	UPPER GAGE (Hamilton)	63	0.25	45.62	3766	0.16	50.11
4824	UPPER SHERMAN (Hamil)	34	0.14	45.76	630	0.03	50.14
4825	UPPER WENTWORTH (Ham)	31	0.12	45.88	2261	0.10	50.23
4826	UPPER WELLINGTON (Ham)	30	0.12	46.00	1482	0.06	50.30
4827	UPPER JAMES (Hamilton)	75	0.30	46.30	3260	0.14	50.44
4831	FENNELL (Hamilton)	58	0.23	46.53	5016	0.22	50.65
4832	GARTH (Hamilton)	23	0.09	46.63	426	0.02	50.67
4833	SANATORIUM (Hamilton)	11	0.04	46.67	1539	0.07	50.74
4834	UPPER PARADISE (Hamil)	35	0.14	46.81	1071	0.05	50.78



## Transit Route code (cont'd...)

4835	COLLEGE (Hamilton)	10	0.04	46.85	1187	0.05	50.83
4841	MOWHAWK (Hamilton)	29	0.12	46.97	1841	0.08	50.91
4845	LIMERIDGE (Hamilton)	37	0.15	47.12	1156	0.05	50.96
4851	ANCASTER (Hamilton)	1	0.00	47.12	25	0.00	50.97
4852	DUNDAS LOCAL (Hamilton)	2	0.01	47.13	288	0.01	50.98
4853	BURLINGTON (Hamilton)	11	0.04	47.17	1216	0.05	51.03
4855	STONEY CREEK - CENTENN	26	0.10	47.28	2191	0.09	51.12
4857	NASH (Hamilton)	1	0.00	47.28	19	0.00	51.13
4858	STONEY CREEK - LOCAL	14	0.06	47.34	1606	0.07	51.19
5010	QUEEN/NEVILLE PARK	379	1.52	48.86	40637	1.75	52.94
5020	DOWNTOWNER (TTC) STR	17	0.07	48.93	1909	0.08	53.03
5030	KINGSTON (TTC) STR	15	0.06	48.99	1858	0.08	53.11
5040	KING (TTC) STREETCAR	434	1.74	50.73	39104	1.68	54.79
5050	DUNDAS (TTC) STREETCA	214	0.86	51.59	29669	1.28	56.07
5060	CARLTON/COLLEGE (TTC)	288	1.16	52.75	41544	1.79	57.86
5070	LONG BRANCH (TTC)	102	0.41	53.16	5357	0.23	58.09
5110	BATHURST (TTC) STREET	156	0.63	53.79	17558	0.76	58.85
5120	ST. CLAIR (TTC) STREE	124	0.50	54.28	18313	0.79	59.63
5604	HARBOURFRONT LRT(TTC)	123	0.49	54.78	6120	0.26	59.90
5950	SUBWAY (TTC)	7211	28.97	83.75	709354	30.55	90.46
5951	SCARBOROUGH RT (TTC)	410	1.65	85.40	23614	1.02	91.48
6000	VAUGHAN GENERAL (Vaugh)	4	0.02	85.42	344	0.01	91.50
6001	WEST WOODBRIDGE (Vaugh)	7	0.03	85.44	145	0.01	91.50
6002	PINE VALLEY (Vaughan)	1	0.00	85.45	21	0.00	91.50
6003	ISLINGTON AVENUE (Vaug)	5	0.02	85.47	103	0.00	91.51
6004	MAPLE (Vaughan)	2	0.01	85.48	52	0.00	91.51
6005	CLARK (Vaughan)	92	0.37	85.85	2426	0.10	91.61
6006	ANSLEY GROVE (Vaughan)	13	0.05	85.90	269	0.01	91.62
6007	MARTINGROVE (Vaughan)	27	0.11	86.01	558	0.02	91.65
6500	GO TRANSIT GENERAL	1	0.00	86.01	151	0.01	91.66
6501	ALL TRAIN MEET (GO Bus)	41	0.16	86.18	1630	0.07	91.73
6514	LAKESHORE WEST (GO Bus)	7	0.03	86.20	391	0.02	91.74
6516	HAMILTON EXPRESS (GO)	15	0.06	86.26	1349	0.06	91.80
6527	MILTON (GO Bus)	6	0.02	86.29	273	0.01	91.81
6528	MISSISSAUGA/YORKDALE	21	0.08	86.37	1900	0.08	91.89
6531	GEORGETOWN/GUELPH (GO)	10	0.04	86.41	1207	0.05	91.95
6534	YORKDALE/BRAMPTON (GO)	41	0.16	86.58	2554	0.11	92.06
6536	BRAMALEA (GO Bus)	3	0.01	86.59	74	0.00	92.06
6557	PALGRAVE (GO Bus)	6	0.02	86.61	161	0.01	92.07
6561	C SERVICE (YONGE)	213	0.86	87.47	8103	0.35	92.42
6562	B SERVICE (GO Bus)	102	0.41	87.88	2905	0.13	92.54
6563	BAYVIEW (GO Bus)	51	0.20	88.08	2652	0.11	92.65
6565	KING (GO Bus)	2	0.01	88.09	48	0.00	92.66
6568	BARRIE (GO Bus)	42	0.17	88.26	1636	0.07	92.73
6575	MARKHAM (GO Bus)	20	0.08	88.34	1284	0.06	92.78
6576	STOUFFVILLE (GO Bus)	6	0.02	88.37	148	0.01	92.79
6594	HIGHWAY 2 (GO Bus)	94	0.38	88.74	4030	0.17	92.96
7001	MILL POND (Richmond H)	16	0.06	88.81	808	0.03	93.00
7002	NEWKIRK (Richmond H)	21	0.08	88.89	744	0.03	93.03
7003	TRENCH (Richmond H)	18	0.07	88.96	1055	0.05	93.07
7004	OAK RIDGES (Richmond)	7	0.03	88.99	176	0.01	93.08
7005	16TH AVENUE (Richmond)	10	0.04	89.03	256	0.01	93.09
7006	WELDRICK (Richmond H)	16	0.06	89.10	1003	0.04	93.14
7007	MAJOR MACKENZIE (Richm)	5	0.02	89.12	131	0.01	93.14
7008	BATHURST (Richmond H)	11	0.04	89.16	566	0.02	93.17
7200	NEWMARKET GENERAL (New)	4	0.02	89.18	107	0.00	93.17
7201	NEWMARKET NE (Newmkt)	2	0.01	89.18	352	0.02	93.19
7202	NEWMARKET SE (Newmkt)	4	0.02	89.20	107	0.00	93.19
7204	NEWMARKET #44 (Newmkt)	11	0.04	89.25	443	0.02	93.21
7205	NEWMARKET #55 (Newmkt)	9	0.04	89.28	1112	0.05	93.26

## Transit Route code (cont'd...)

7401	AURORA NORTHBOUND (Aur)	14	0.06	89.34	269	0.01	93.27
7402	AURORA SOUTHBOUND (Aur)	7	0.03	89.37	139	0.01	93.28
8000	MARKHAM GENERAL (Mark)	3	0.01	89.38	252	0.01	93.29
8001	TRUNK NORTH (Markham)	53	0.21	89.59	2696	0.12	93.40
8002	TRUNK SOUTH (Markham)	57	0.23	89.82	2384	0.10	93.51
8003	THORNHILL (Markham)	10	0.04	89.86	1026	0.04	93.55
8004	UNIONVILLE (Markham)	12	0.05	89.91	988	0.04	93.59
8005	MARKHAM EXPRESS (Markha)	1	0.00	89.91	21	0.00	93.59
8006	UNIONVILLE EXPPRESS	58	0.23	90.15	2147	0.09	93.69
8200	PICKERING GENERAL (Pick)	6	0.02	90.17	138	0.01	93.69
8201	INDUSTRIAL (Pickering)	1	0.00	90.17	23	0.00	93.69
8202	LIVERPOOL/VILLAGE (Pick)	7	0.03	90.20	434	0.02	93.71
8203	AMBERLEA (Pickering)	2	0.01	90.21	46	0.00	93.71
8204	GLENDALE (Pickering)	1	0.00	90.21	23	0.00	93.71
8205	WESTHORE/LOOKUP POINT	6	0.02	90.24	679	0.03	93.74
8207	ROSEBANK (Pickering)	2	0.01	90.25	46	0.00	93.75
8208	SHUTTLE (Pickering)	2	0.01	90.25	46	0.00	93.75
8209	HIGHBUSH (Pickering)	8	0.03	90.29	184	0.01	93.76
8212	BROCK ROAD (Pickering)	16	0.06	90.35	367	0.02	93.77
8214	MAPLE RIDGE (Pickering)	3	0.01	90.36	204	0.01	93.78
8400	AJAX GENERAL (Ajax)	4	0.02	90.38	101	0.00	93.78
8401	BEACH ROUTE (Ajax)	18	0.07	90.45	580	0.02	93.81
8402	PUCKRIN (Ajax)	5	0.02	90.47	126	0.01	93.81
8403	DUFFINS (Ajax)	7	0.03	90.50	440	0.02	93.83
8404	VILLAGE (Ajax)	8	0.03	90.53	201	0.01	93.84
8405	HARWOOD (Ajax)	19	0.08	90.61	470	0.02	93.86
8406	WESTNEY HEIGHTS (Ajax)	36	0.14	90.75	906	0.04	93.90
8407	ELM (Ajax)	10	0.04	90.79	252	0.01	93.91
8408	APPLECROFT (Ajax)	8	0.03	90.82	201	0.01	93.92
8601	OTTER CREEK (Whitby)	4	0.02	90.84	628	0.03	93.95
8602	SOMERSET HILL (Whitby)	16	0.06	90.90	459	0.02	93.97
8603	BROOKWOOD (Whitby)	5	0.02	90.92	101	0.00	93.97
8604	BLAIR PARK (Whitby)	7	0.03	90.95	153	0.01	93.98
8605	BLUEGRASS MEADOWS	18	0.07	91.02	1347	0.06	94.04
8606	WHITE OAKS/WHITBY	32	0.13	91.15	1012	0.04	94.08
8800	OSHAWA GENERAL (Oshawa)	3	0.01	91.17	64	0.00	94.08
8801	SIMCOE SOUTH (Oshawa)	14	0.06	91.22	1774	0.08	94.16
8802	SIMCOE NORTH (Oshawa)	30	0.12	91.34	3782	0.16	94.32
8803	KING EAST (Oshawa)	25	0.10	91.44	1675	0.07	94.39
8804	PARK CEDAR (Oshawa)	6	0.02	91.47	922	0.04	94.43
8805	APPLEHILL (Oshawa)	13	0.05	91.52	2106	0.09	94.52
8806	RITSON (Oshawa)	11	0.04	91.56	1616	0.07	94.59
8807	ROSSLAND (Oshawa)	16	0.06	91.63	436	0.02	94.61
8808	THORNTON (Oshawa)	4	0.02	91.64	417	0.02	94.63
8809	NONQUON (Oshawa)	5	0.02	91.66	597	0.03	94.66
8810	BOND WEST (Oshawa)	15	0.06	91.72	1562	0.07	94.72
8812	LAKELAND HILLS (Oshawa)	7	0.03	91.75	1199	0.05	94.78
8815	SHUTTLE VIA STEVEN	1	0.00	91.76	28	0.00	94.78
9000	GO TRAIN	1893	7.61	99.36	106761	4.60	99.38
9910	VIA RAIL	15	0.06	99.42	1640	0.07	99.45
9930	CHARTER	12	0.05	99.47	804	0.03	99.48
9940	WHEEL TRANS	26	0.10	99.57	4419	0.19	99.67
9941	VAUGHAN ACCESS (Vaughan)	2	0.01	99.58	51	0.00	99.67
9950	GREY COACH	10	0.04	99.62	908	0.04	99.71
9960	GREY HOUND	2	0.01	99.63	236	0.01	99.72
9970	VOYAGEUR	4	0.02	99.65	196	0.01	99.73
9980	CANADA COACH	4	0.02	99.66	423	0.02	99.75
9993	BURLINGTON HANDI VAN	4	0.02	99.68	372	0.02	99.77
9995	PORT HOPE	6	0.02	99.70	270	0.01	99.78
9996	TRANSHELP (Mississauga)	7	0.03	99.73	974	0.04	99.82

Transit Route code (cont'd...)

9997 EXTERNAL LOCAL	7	0.03	99.76	203	0.01	99.83
9999 SHUTTLE - PRIVATE	49	0.20	99.96	3415	0.15	99.98
Don't Know/Refused	11	0.04	100.00	580	0.02	100.00
TOTAL	24891			2321566		







